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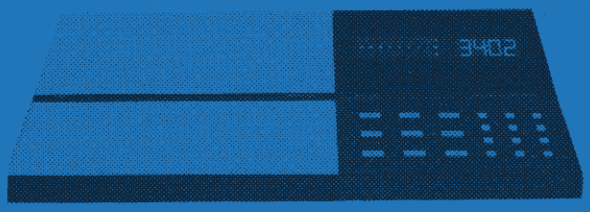

BEOCORD 6000
Type 4831-4832-4833
4834-4835-4836-4837

BEOCORD 8002
Type 4841-4842-4843
4844-4845-4846-4847

BEOCORD 6002
Type 4851-4852-4853-
4854-4855-4856-4857

BEOCORD 8004
Type 4861-4862-4863
4864-4865-4866-4867

MANUEL d'ENTRETIEN

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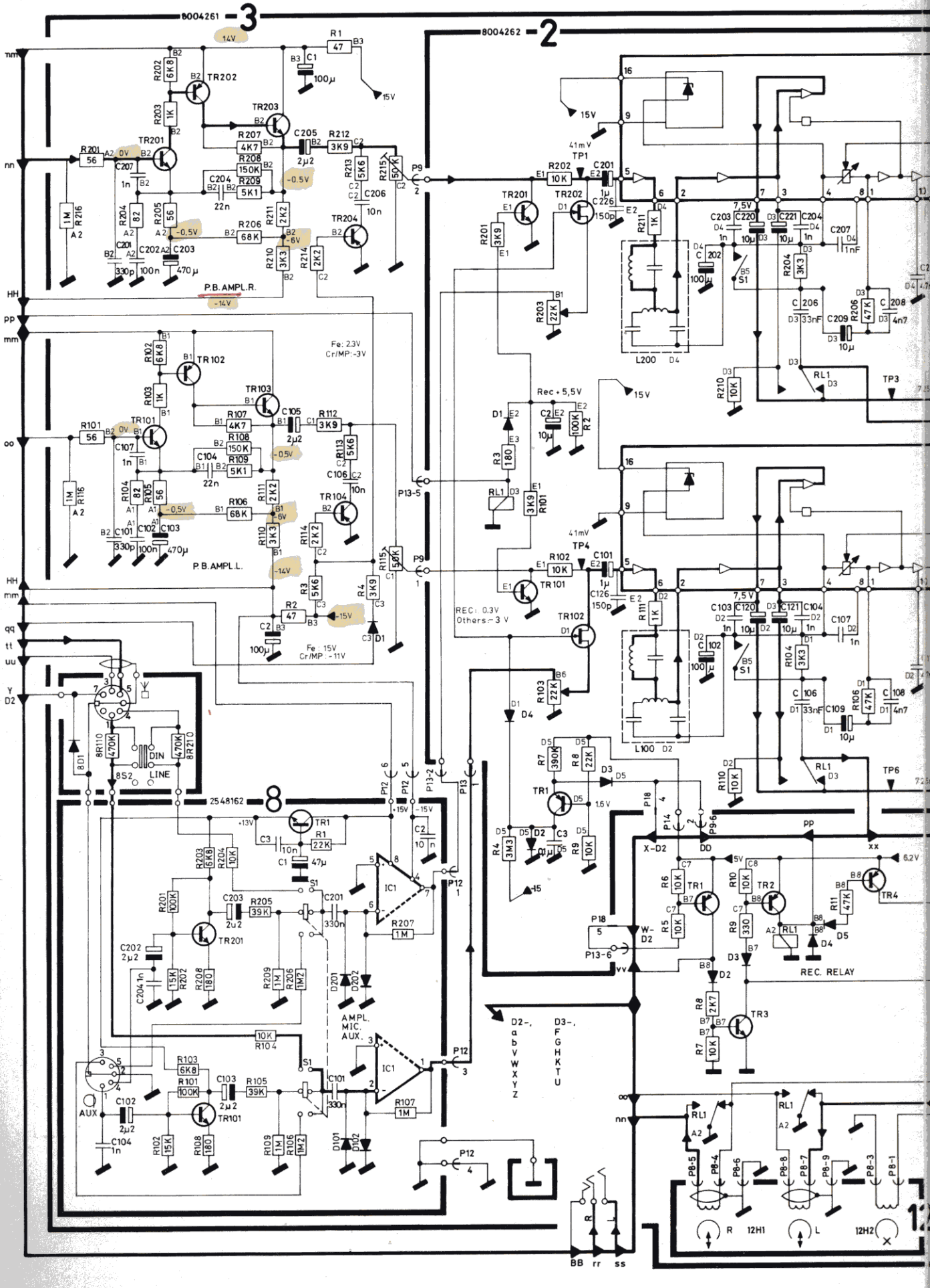
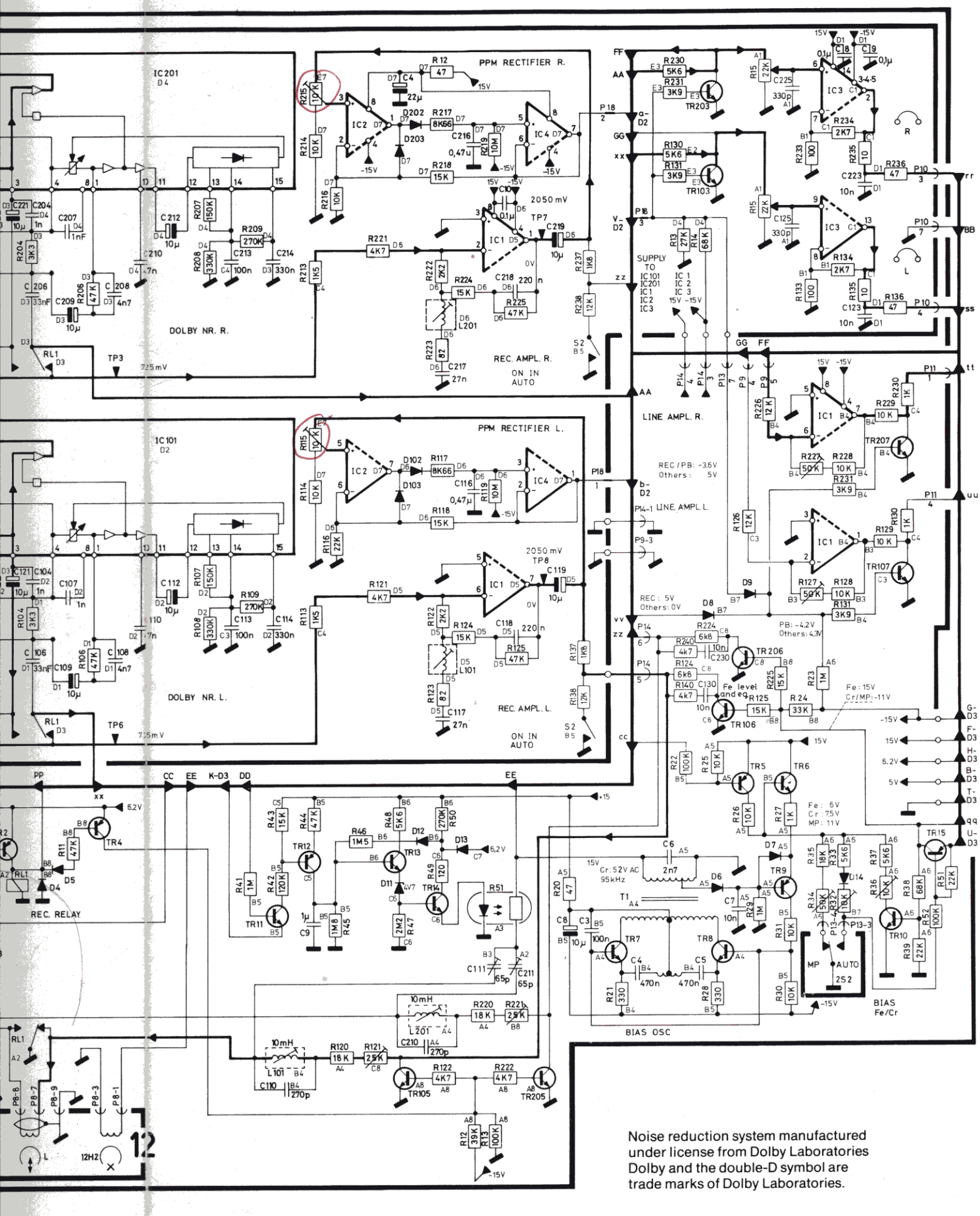
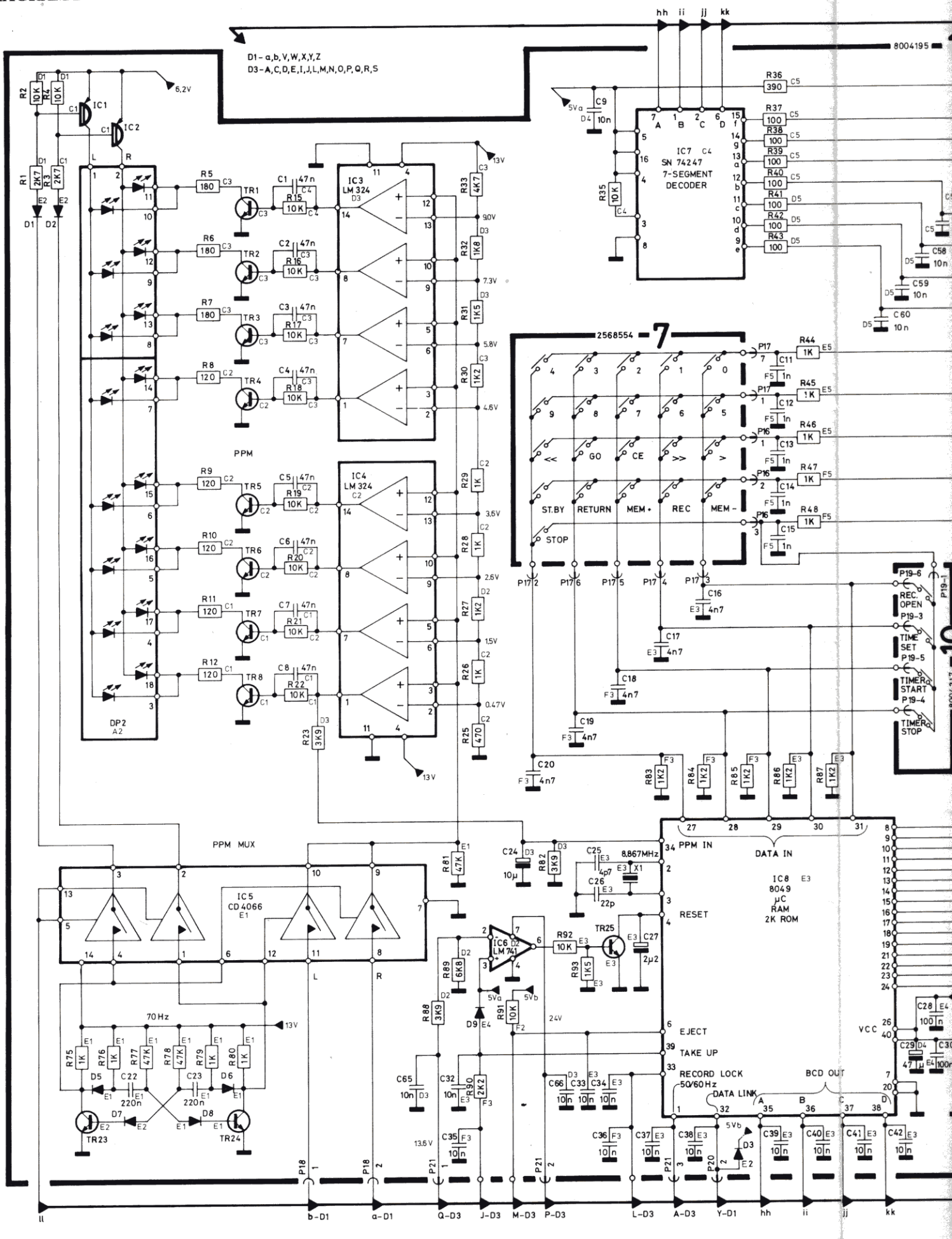
DIAGRAM 1 FOR BEOCORD 6000





Noise reduction system manufactured under license from Dolby Laboratories Dolby and the double-D symbol are trade marks of Dolby Laboratories.

DIAGRAM 2 FOR BEOCORD 6000



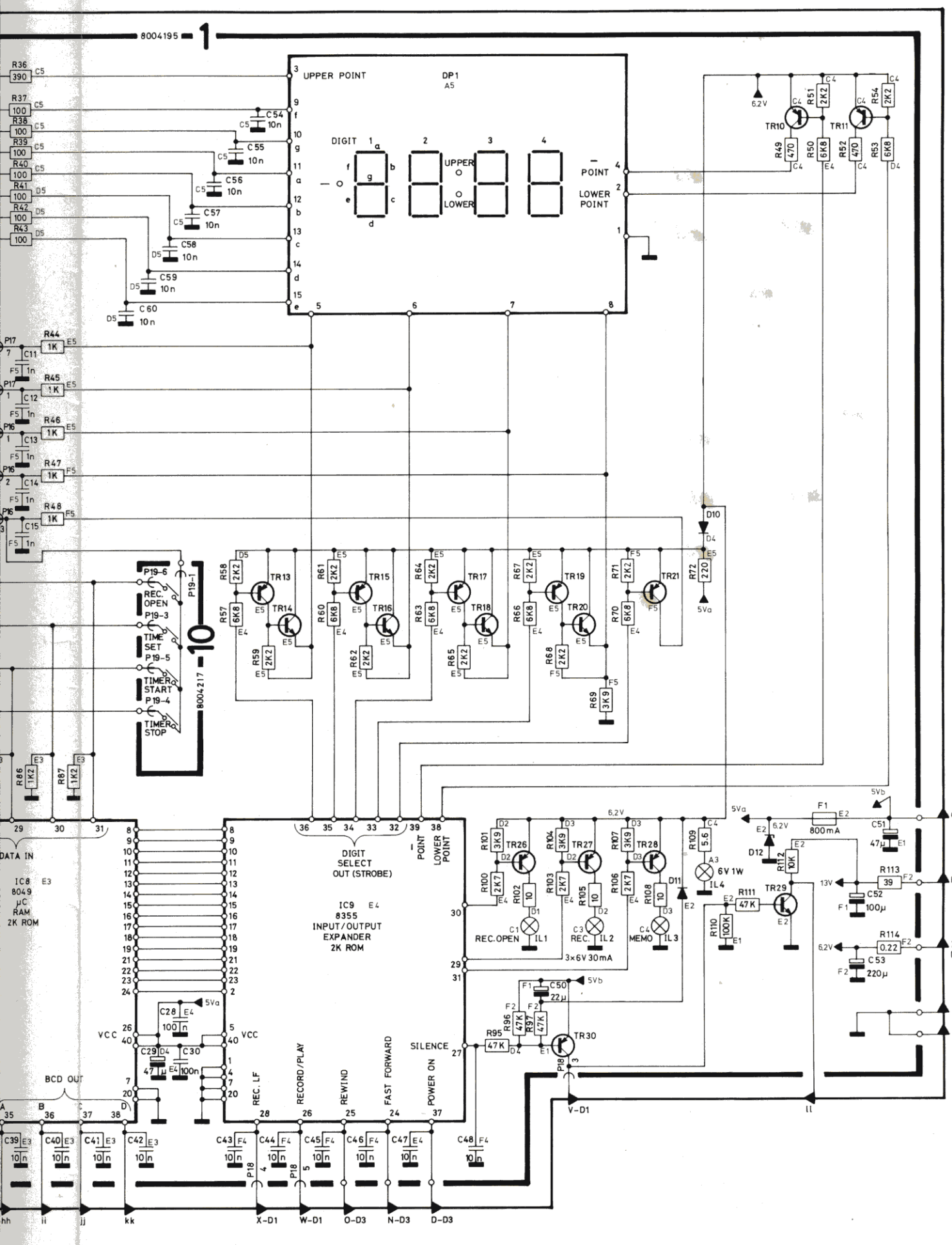

8004195 -1
UPPER POINT
DP1
A5
DIGIT
UPPER
LOWER
POINT
LOWER POINT
6.2V
TR10
TR11
TR13
TR14
TR15
TR16
TR17
TR18
TR19
TR20
TR21
5Va
5Vb
P19-6
REC. OPEN
P19-3
TIME SET
P19-5
TIMER START
P19-4
TIMER STOP
P19-1
8004217 -10
DATA IN
IC8 E3
8049
µC
RAM
2K ROM
IC9 E4
8355
INPUT/OUTPUT
EXPANDER
2K ROM
DIGIT SELECT OUT (STROBE)
REC.OPEN IL1
REC. IL2
MEMO IL3
3×6V 30mA
6V 1W IL4
800mA
TR26
TR27
TR28
TR29
TR30
VCC
BCD OUT
REC. LF
RECORD/PLAY
REWIND
FAST FORWARD
POWER ON
SILENCE
V-D1
X-D1
W-D1
O-D3
N-D3
D-D3
C-D3
E-D3
I-D3
R-D3
S-D3

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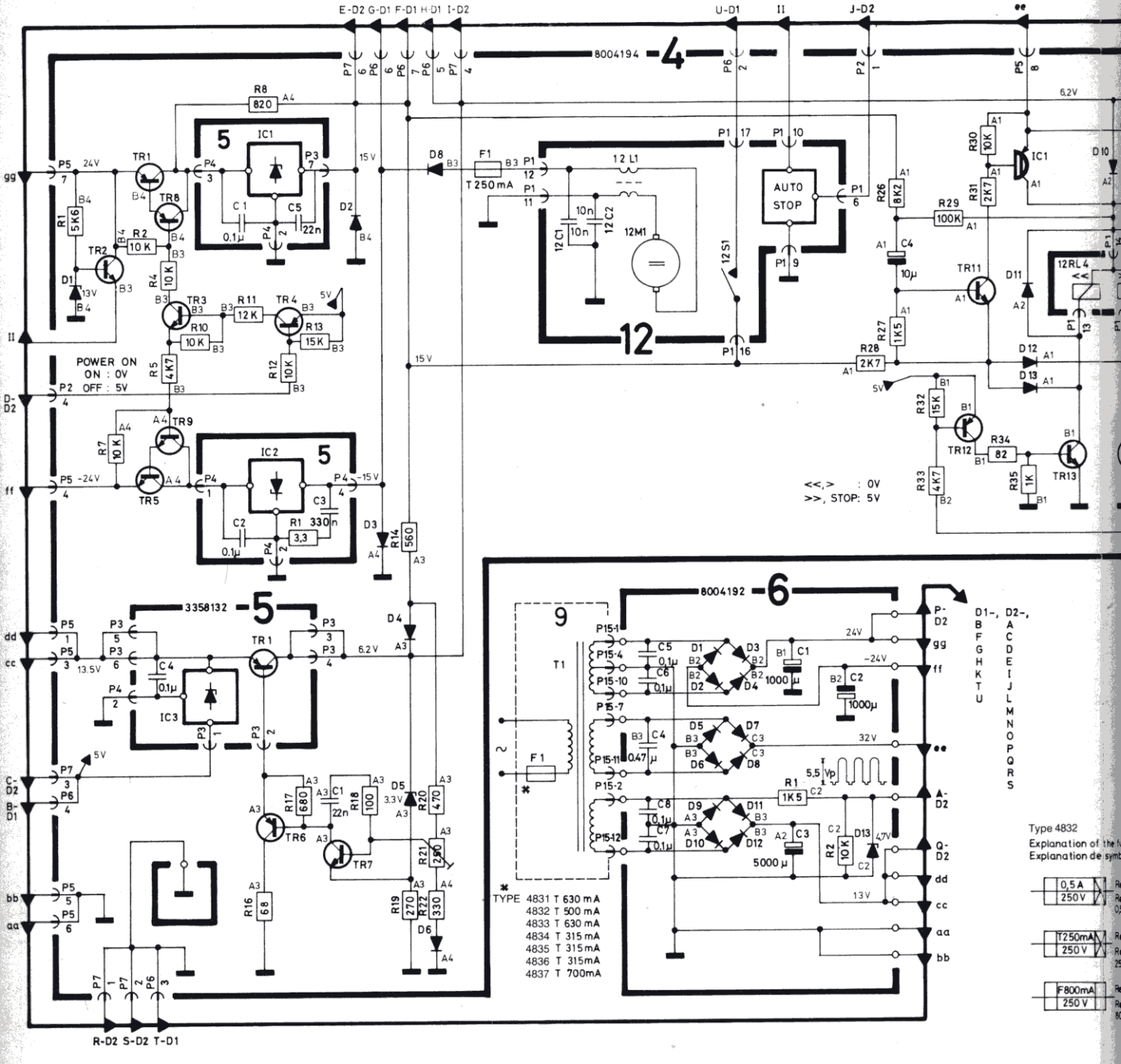
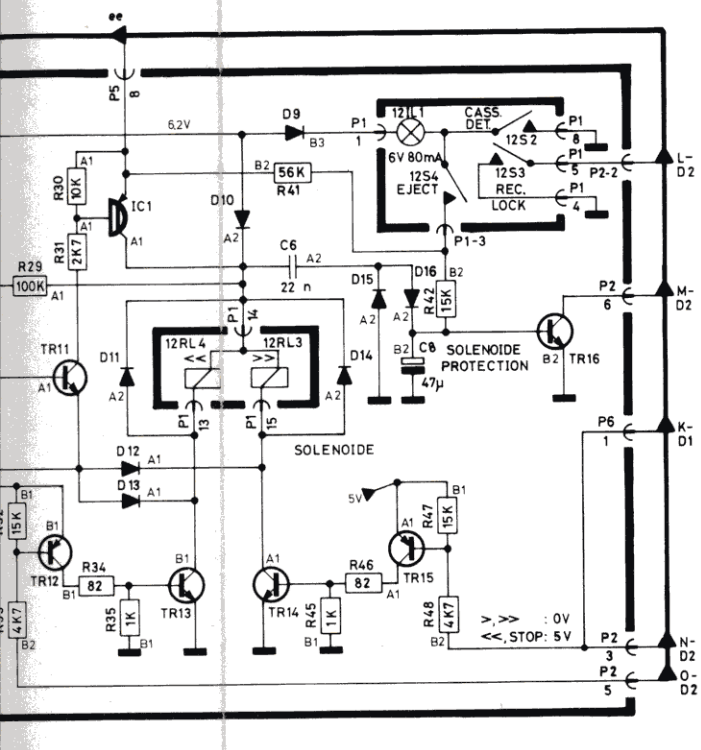
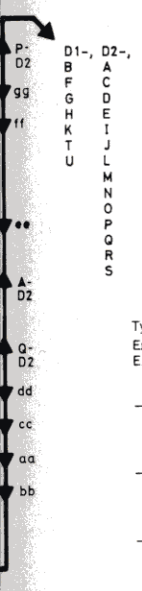
DIAGRAM 3 FOR BEOCORD 6000



* TYPE 4831 T 630 mA
4832 T 500 mA
4833 T 630 mA
4834 T 315 mA
4835 T 315 mA
4836 T 315 mA
4837 T 700mA

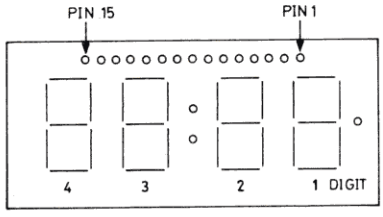
FUNCTION TABLE DIAGRAM 2





Switches:

12S1 Fe_2O_3 ON, CrO_2 OFF.
12S2 With cass. ON, without OFF.
12S3 Rec. ON, Rec lock OFF.
12S4 Play ON, Press eject OFF.



PIN	ASSIGNMENT (BOTTOM VIEW)
1	COMMON CATHODE (POINTS)
2	LOWER POINT ANODE
3	UPPER POINT ANODE
4	–POINT ANODE
5	DIGIT 1 ANODE
5	DIGIT 2 ANODE
7	DIGIT 3 ANODE
8	DIGIT 4 ANODE
9	SEG. fCATHODE
10	SEG. gCATHODE
11	SEG. aCATHODE
12	SEG. bCATHODE
13	SEG. cCATHODE
14	SEG. dCATHODE
15	SEG. eCATHODE

Type 4832
Explanation of the fuse symbols used in the set:
Explanation de symboles du fusible utilisés dans l'appareil:

0,5 A 250 V	Replace with same type 0,5 ampere 250 volts slow acting fuse. Remplacer par un fusible de meme type retardé et de 0,5 ampere 250 volts.
T250mA 250 V	Replace with same type 250 milliamperes 250 volts slov acting fuse. Remplacer par un fusible de meme type retarde' et de 250 milliamperes 250 volts.
F800mA 250 V	Replace with same type 800 milliamperes 250 volts quick acting fuse. Remplacer par un fusible de meme type rapide et de 800 milliamperes 250 volts.

FUNCTION TABLE FOR MICROCOMPUTER 1IC8-1IC9												
	CONDITIONS			FUNCTION	RESULTS							
					1IC 9							
	1IC8	1IC8	1IC8									
PIN	4	33	6		24	25	26	27	28	37	30	29
	1			STAND BY	1	1	1	0	0	1		
	1	1	1	REC OPEN			1		0	0	0	1
	1	1	1	RECORD	0	0	0	1	1	0	0	0
	1			STOP	1	1	1	0	0	0		1
	1		1	≫	0	1	1	0	0	0		1
	1		1	≪	1	0	1	0	0	0		1
	1		1	>	0	0	1	1	0	0		1
	1	1	1	REC PAUSE	1	1	0	1	1	0	0	1/0

FUNCTION TABLE 1IC7 (SN74247)											
DECIMAL ON DISPLAY	INPUTS				OUTPUTS						
	D	C	B	A	a	b	c	d	e	f	g
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1	0	0	0	1	0	0	1	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1	1	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0	1	0	0
⊐	1	0	1	1	1	1	0	0	1	1	0
⊏	1	0	1	0	1	1	1	0	0	1	0
⊔	1	1	0	0	1	0	1	1	1	0	0
⊑	1	1	0	1	0	1	1	0	1	0	0
	1	1	1	1	1	1	1	1	1	1	1

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DIAGRAM 1 FOR BEOCORD 8002

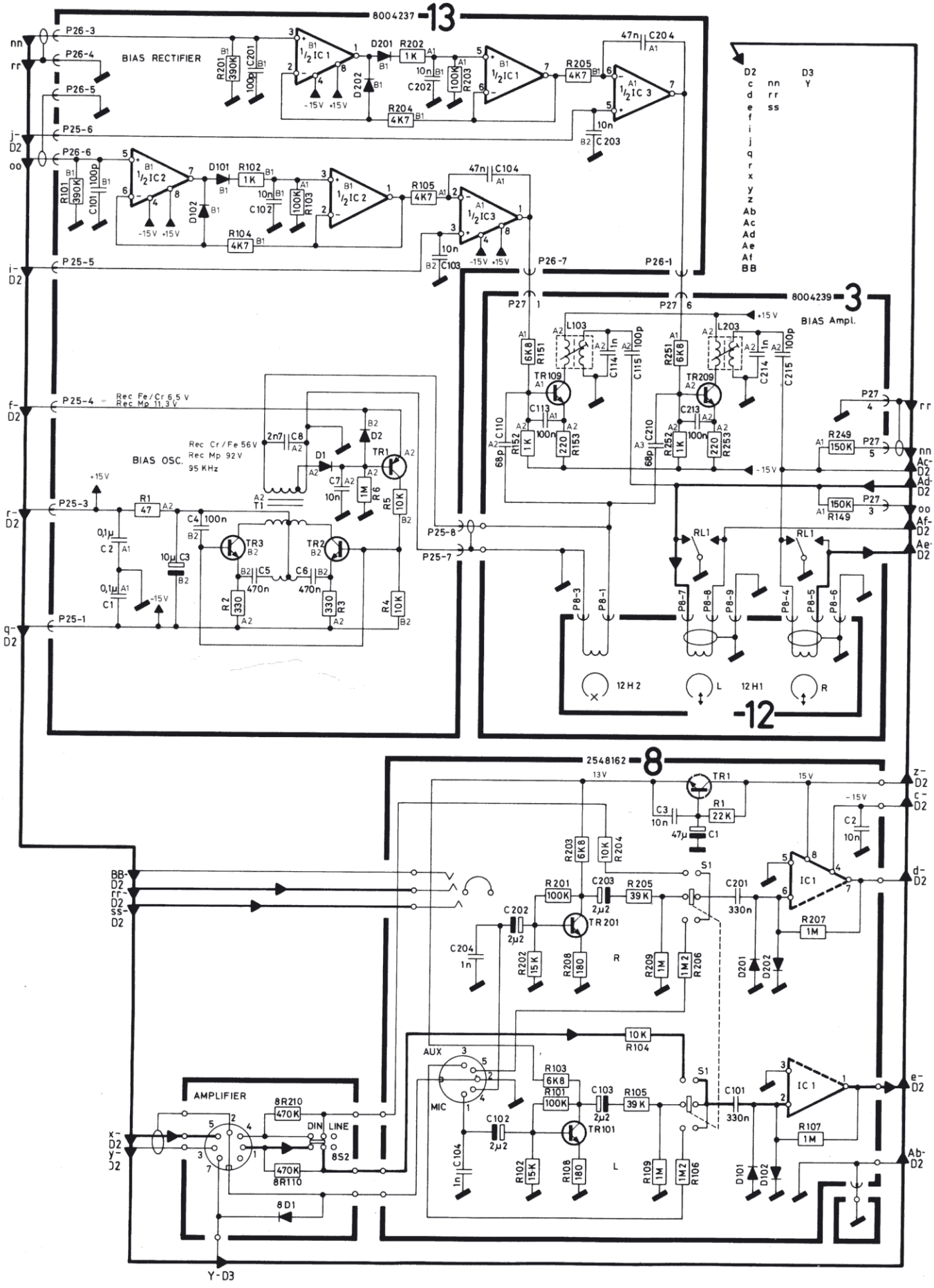

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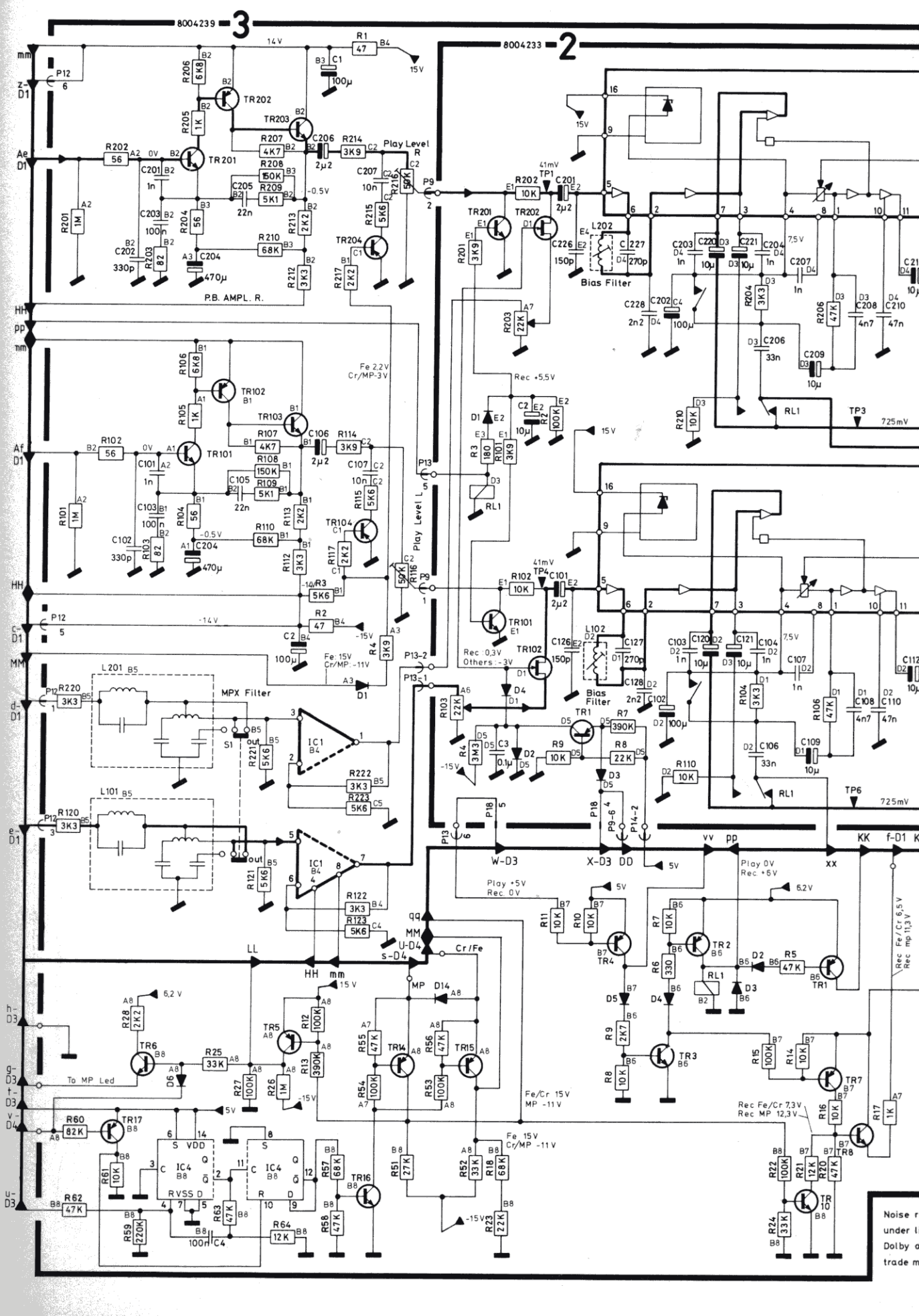
DIAGRAM 2 FOR BEOCORD 8002



Noise r
under l
Dolby a
trade m

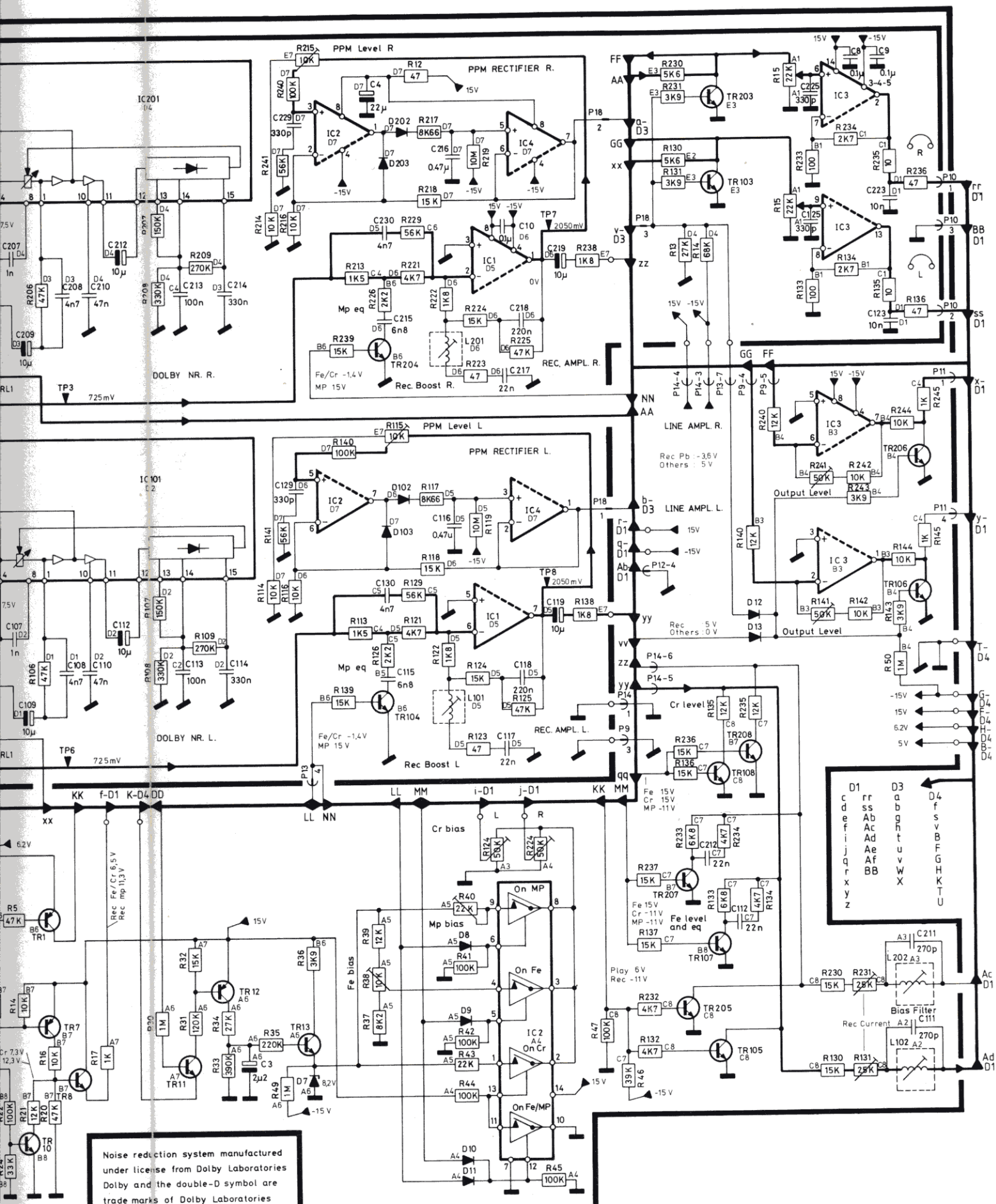
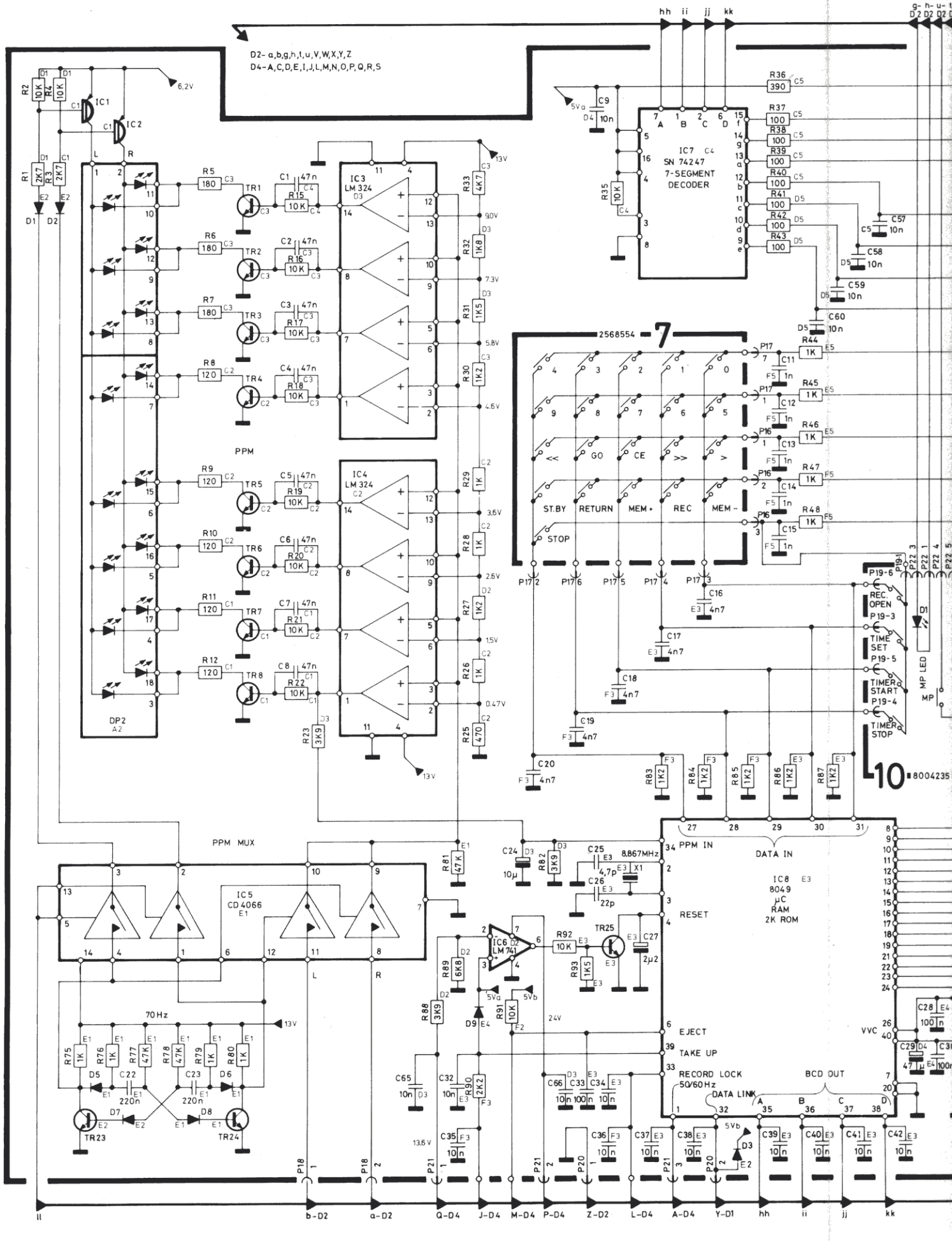

PPM Level R
PPM RECTIFIER R.
PPM Level L
PPM RECTIFIER L.
DOLBY NR. R.
DOLBY NR. L.
LINE AMPL. R.
LINE AMPL. L.
REC. AMPL. R.
REC. AMPL. L.
Rec. Boost R.
Rec Boost L
Output Level
Cr level
Fe level and eq
Cr bias
Mp bias
Fe bias
On MP
On Fe
On Cr
On Fe/MP
Bias Filter
Rec Current
Noise reduction system manufactured under license from Dolby Laboratories
Dolby and the double-D symbol are trade marks of Dolby Laboratories

DIAGRAM 3 FOR BEOCORD 8002



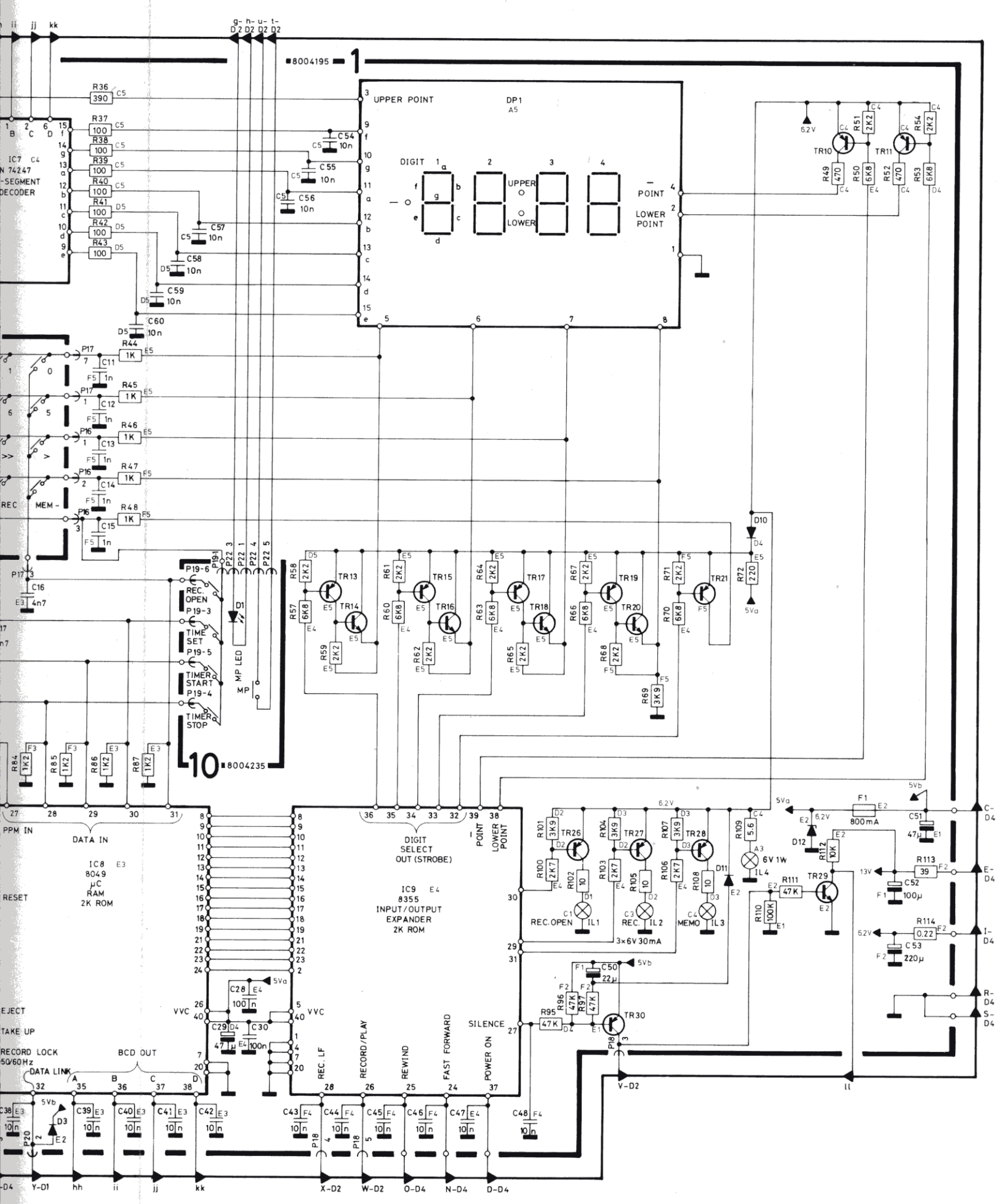

8004195
1
UPPER POINT
DP1
A5
DIGIT
UPPER
LOWER
POINT
LOWER POINT
IC7 C4
N 74247
-SEGMENT
DECODER
R36 390 C5
R37 100 C5
R38 100 C5
R39 100 C5
R40 100 C5
R41 100 D5
R42 100 D5
R43 100 D5
C54 10n
C55 10n
C56 10n
C57 10n
C58 10n
C59 10n
C60 10n
R44 1K
R45 1K
R46 1K
R47 1K
R48 1K
C11 1n
C12 1n
C13 1n
C14 1n
C15 1n
C16 4n7
REC
MEM -
P19-6
REC. OPEN
P19-3
TIME SET
P19-5
TIMER START
P19-4
TIMER STOP
P19-1
P22 3
P22 1
P22 4
P22 5
MP LED
MP
D1
R58 2K2
R57 6K8
R59 2K2
TR13
TR14
R61 2K2
R60 6K8
R62 2K2
TR15
TR16
R64 2K2
R63 6K8
R65 2K2
TR17
TR18
R67 2K2
R66 6K8
R68 2K2
TR19
TR20
R71 2K2
R70 6K8
R69 3K9
TR21
R72 220
D10
5Va
6.2V
TR10
TR11
R51 2K2
R54 2K2
R49 470
R50 6K8
R52 470
R53 6K8
10
8004235
R84 1K2
R85 1K2
R86 1K2
R87 1K2
PPM IN
DATA IN
IC8 E3
8049
µC
RAM
2K ROM
RESET
DIGIT SELECT OUT (STROBE)
IC9 E4
8355
INPUT/OUTPUT
EXPANDER
2K ROM
R101 3K9
R100 2K7
R102 10
TR26
REC.OPEN IL1
R104 3K9
R103 2K7
R105 10
TR27
REC. IL2
R107 3K9
R106 2K7
R108 10
TR28
MEMO IL3
3×6V 30mA
R109 5.6
A3
6V 1W
IL4
D11
R110 100K
R111 47K
TR29
R112 10K
D12
F1 800mA
C51 47µ
R113 39
C52 100µ
R114 0.22
C53 220µ
C- D4
E- D4
I- D4
R- D4
S- D4
C50 22µ
R95 47K
R96 47K
R97 47K
TR30
SILENCE
C28 100n
C29 47µ
C30 100n
VVC
EJECT
TAKE UP
RECORD LOCK
50/60Hz
DATA LINK
BCD OUT
REC. LF
RECORD/PLAY
REWIND
FAST FORWARD
POWER ON
C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48
D3
P20
P18
Y-D1
hh
ii
jj
kk
X-D2
W-D2
O-D4
N-D4
D-D4
V-D2
ll

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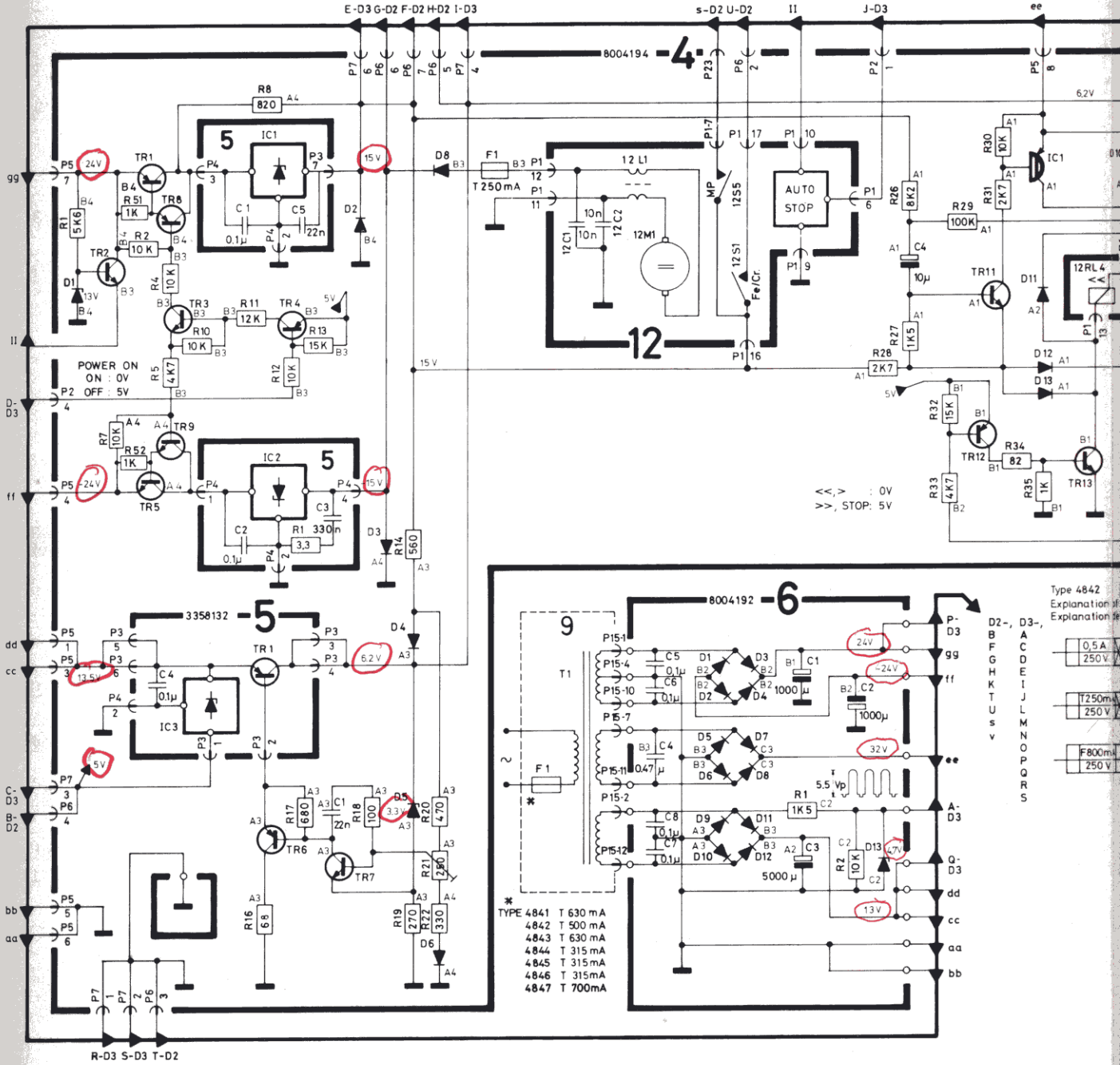
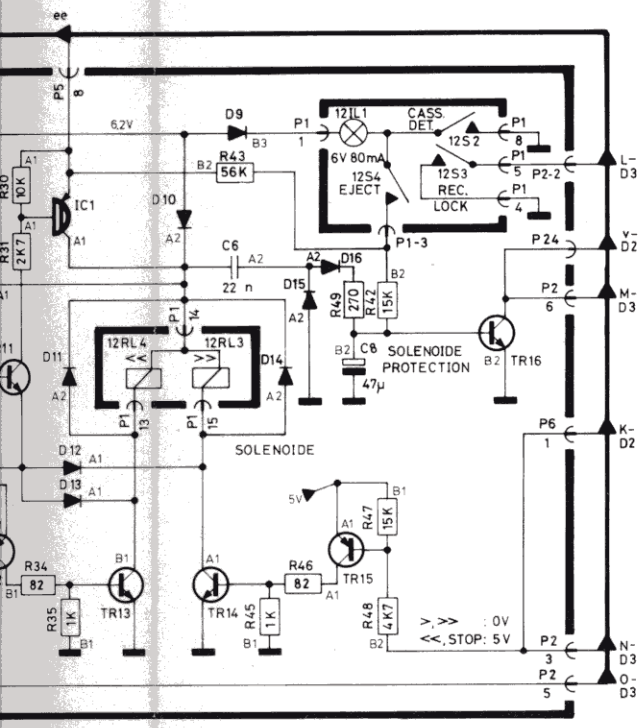
DIAGRAM 4 FOR BEOCORD 8002



	FU
	CC
	1IC3
PIN	4
	1
	1
	1
	1
	1
	1
	1
	1



Type 4842
Explanation of the fuse symbols used in the set:
Explanation de symboles du fusible utilisés dans l'appareil:

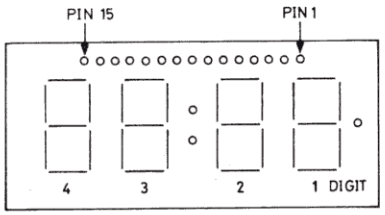
0,5 A 250 V	Replace with same type 0,5 ampere 250 volts slow acting fuse. Remplacer par un fusible de meme type retardé et de 0,5 ampere 250 volts.
T250mA 250 V	Replace with same type 250 milliamperes 250 volts slowacting fuse. Remplacer par un fusible de meme type retarde' et de 250 milliamperes 250 volts.
F800mA 250 V	Replace with same type 800 milliamperes 250 volts quick acting fuse. Remplacer par un fusible de meme type rapide et de 800 milliamperes 250 volts.

D2-, D3-,
B A
F C
G D
H E
K I
T J
U L
s M
v N
O
P
Q
R
S

Switches:

12S1 Fe_2O_3 ON, CrO_2 OFF.
12S2 With cass. ON, without OFF.
12S3 Rec. ON, Rec lock OFF.
12S4 Play ON, Press eject OFF.
12S5 MP OFF (With detector hole in cassette).

PIN	ASSIGNMENT (BOTTOM VIEW)
1	COMMON CATHODE (POINTS)
2	LOWER POINT ANODE
3	UPPER POINT ANODE
4	–POINT ANODE
5	DIGIT 1 ANODE
5	DIGIT 2 ANODE
7	DIGIT 3 ANODE
8	DIGIT 4 ANODE
9	SEG. fCATHODE
10	SEG. gCATHODE
11	SEG. aCATHODE
12	SEG. bCATHODE
13	SEG. cCATHODE
14	SEG. dCATHODE
15	SEG. eCATHODE



FUNCTION TABLE FOR MICROCOMPUTER 1IC8-1IC9												
	CONDITIONS			FUNCTION	RESULTS							
	1IC8	1IC8	1IC8		1IC9							
PIN	4	33	6		24	25	26	27	28	37	30	29
	1			STAND BY	1	1	1	0	0	1		
	1	1	1	REC OPEN			1		0	0	0	1
	1	1	1	RECORD	0	0	0	1	1	0	0	0
	1			STOP	1	1	1	0	0	0		1
	1		1	≫	0	1	1	0	0	0		1
	1		1	≪	1	0	1	0	0	0		1
	1		1	>	0	0	1	1	0	0		1
	1	1	1	REC PAUSE	1	1	0	1	1	0	0	1/0

FUNCTION TABLE 1IC7 (SN74247)											
DECIMAL	INPUTS				OUTPUTS						
ON DISPLAY	D	C	B	A	a	b	c	d	e	f	g
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1	0	0	0	1	0	0	1	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1	1	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0	1	0	0
⊐	1	0	1	1	1	1	0	0	1	1	0
⊏	1	0	1	0	1	1	1	0	0	1	0
⊔	1	1	0	0	1	0	1	1	1	0	0
⊑	1	1	0	1	0	1	1	0	1	0	0
	1	1	1	1	1	1	1	1	1	1	1

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DIAGRAM A FOR BEOCORD 6002

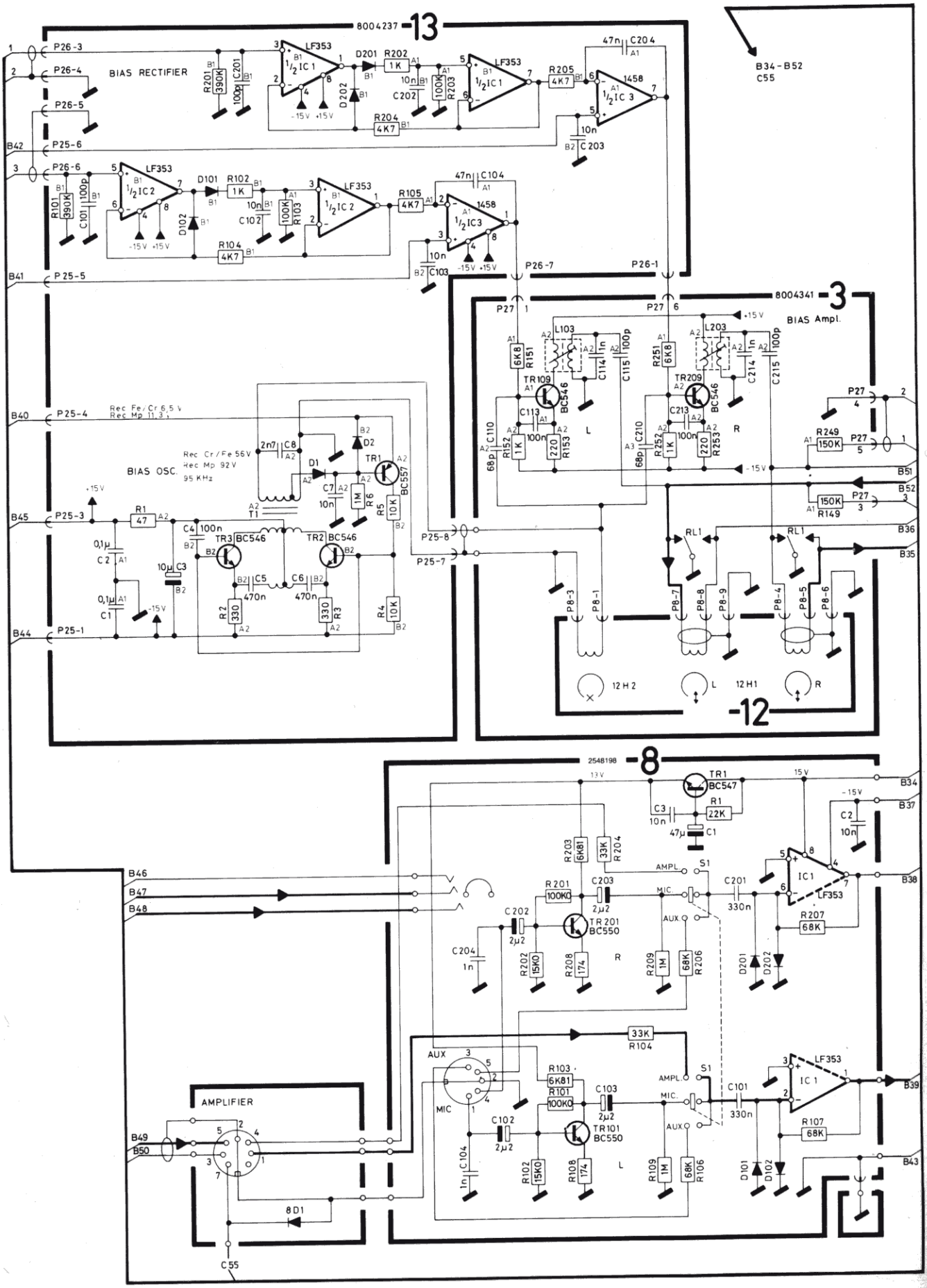

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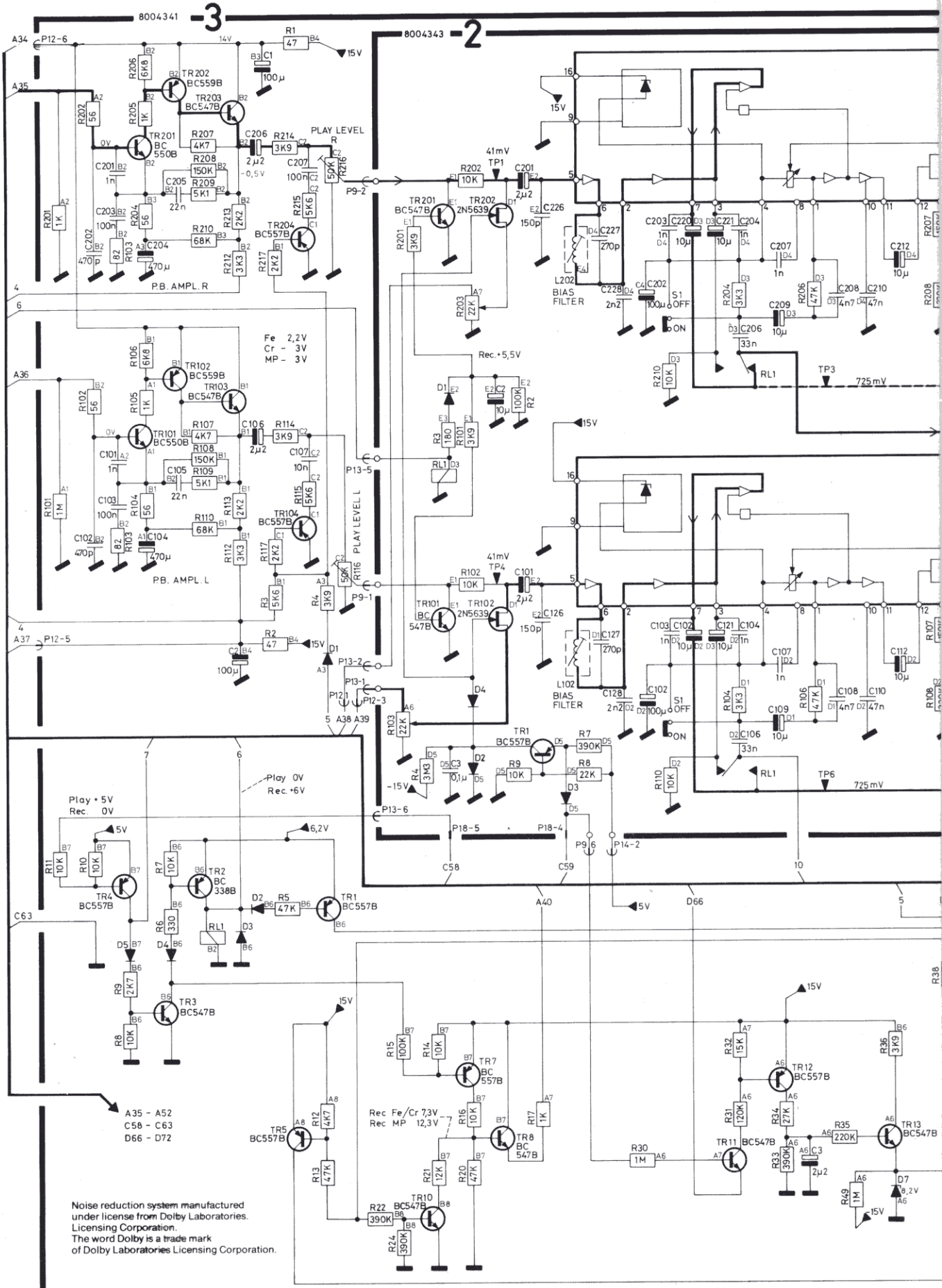
DIAGRAM B FOR BEOCORD 6002



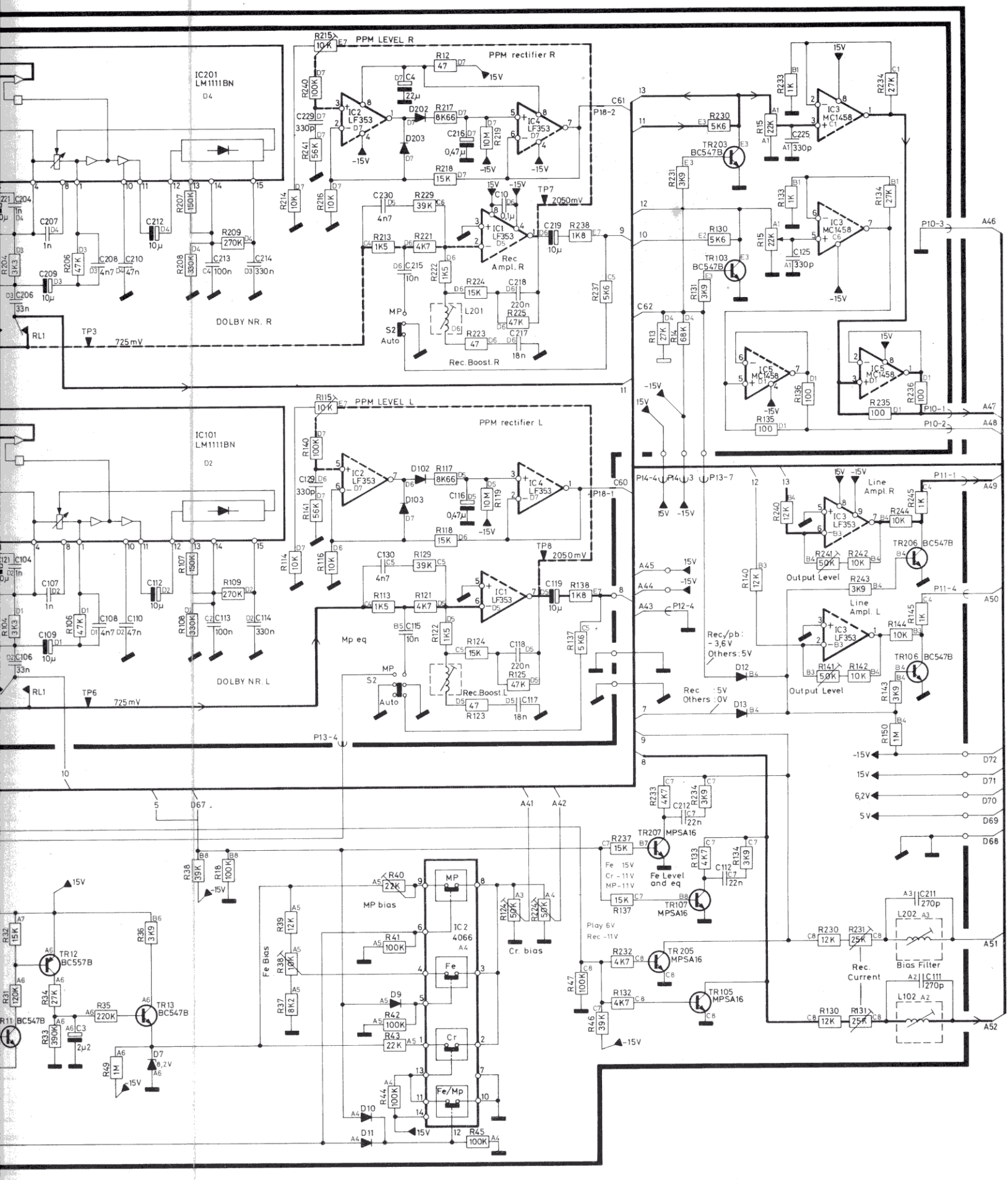
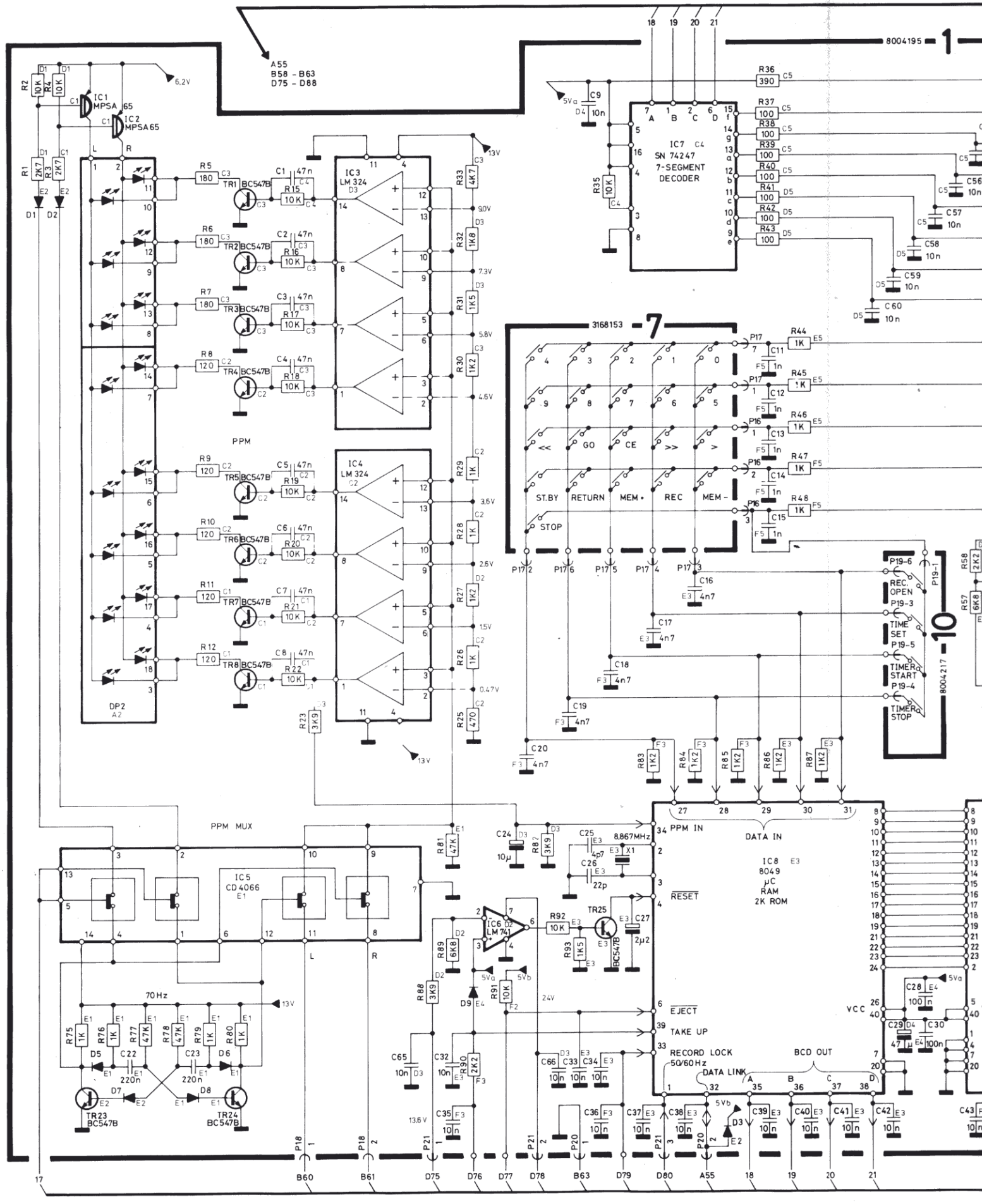
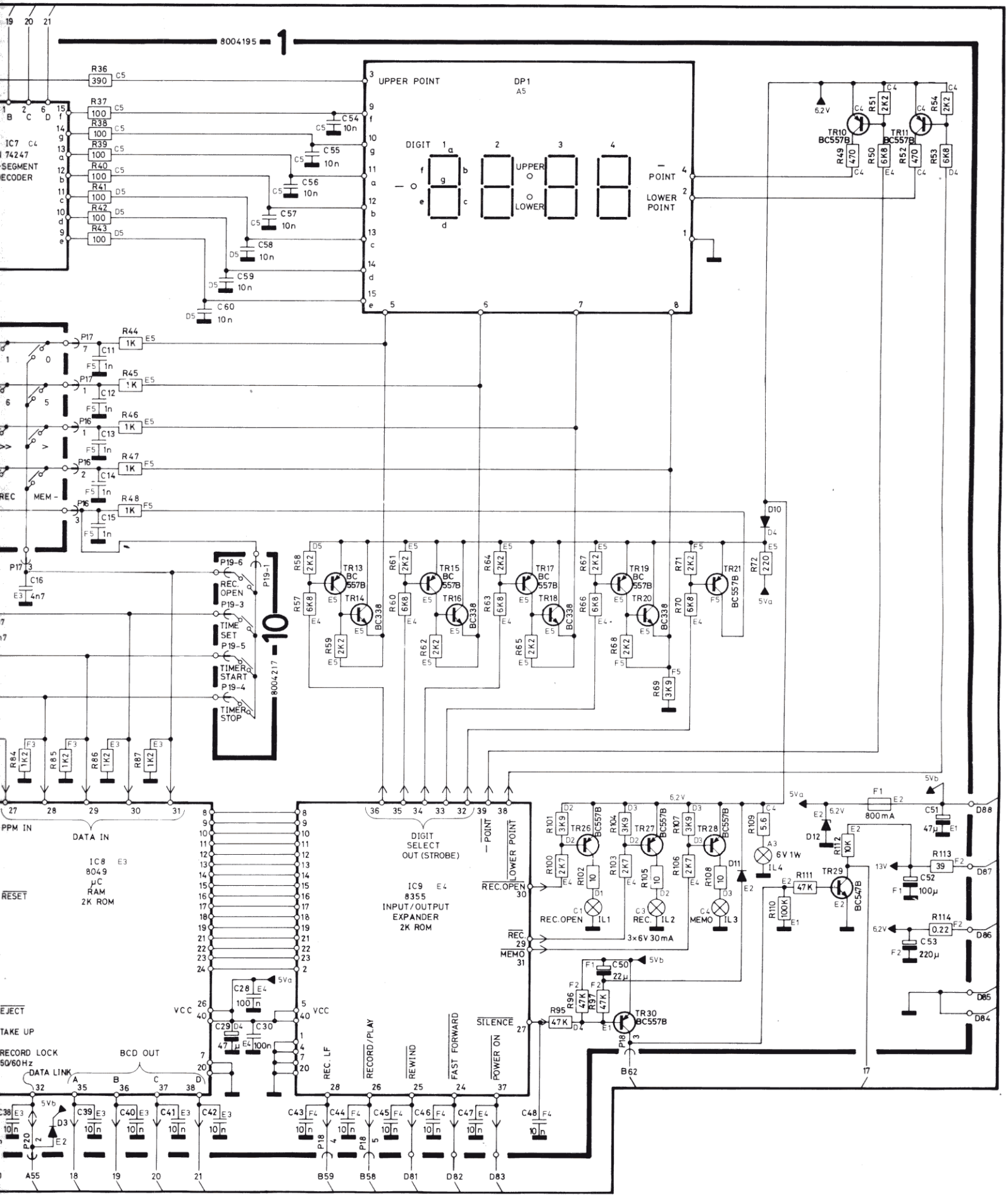

PPM LEVEL R
PPM rectifier R
IC201
LM1111BN
D4
IC2 LF353
IC4 LF353
D202
D203
R217 8K66
R218 15K
C216 0,47µ
R219 10M
C229 330p
R240 100K
R241 56K
R214 10K
R216 10K
R215 10K
R12 47
C4 22µ
C230 4n7
R229 39K
C10 0,1µ
IC1 LF353
TP7 2050mV
C219
R238 1K8
C61
P18-2
R213 1K5
R221 4K7
C215 10n
R222 1K5
R224 15K
C218 220n
R225 47K
C217 18n
R223 47
L201
MP
S2
Auto
Rec. Boost. R
Rec Ampl. R
DOLBY NR. R
RL1
TP3
725 mV
C207 1n
C212 10µ
R209 270K
R207 150K
C208 4n7
C210 47n
C213 100n
C214 330n
R206 47K
R208 330K
C209 10µ
C206 33n
R204 3K3
C204
C221
R230 5K6
R231 3K9
TR203 BC547B
R233 1K
R234 27K
R15 22K
C225 330p
IC3 MC1458
R133 1K
R134 27K
R130 5K6
TR103 BC547B
R131 3K9
C125 330p
C62
R13 27K
R14 68K
IC5 MC1458
R136 100
R135 100
R235 100
R236 100
P10-3
P10-1
P10-2
A46
A47
A48
PPM LEVEL L
PPM rectifier L
IC101
LM1111BN
D2
IC2 LF353
IC4 LF353
D102
D103
R117 8K66
R118 15K
C116 0,47µ
R119 10M
C129 330p
R140 100K
R141 56K
R114 10K
R116 10K
R115 10K
C130 4n7
R129 39K
IC1 LF353
TP8 2050mV
C119
R138 1K8
C60
P18-1
R113 1K5
R121 4K7
C115 10n
R122 1K5
R124 15K
C118 220n
R125 47K
R123 47
Mp eq
MP
S2
Auto
JRec.Boost L
DOLBY NR. L
RL1
TP6
725 mV
C107 1n
C112 10µ
R109 270K
R107 150K
C108 4n7
C110 47n
C113 100n
C114 330n
R106 47K
R108 330K
C109 10µ
C106 33n
R104 3K3
C104
C121
R137 5K6
C5
P13-4
P14-4
P14-3
P13-7
15V
-15V
Line Ampl. R
Line Ampl. L
IC3 LF353
R240 12K
R245 1K
R244 10K
R241 50K
R242 10K
TR206 BC547B
Output Level
R243 3K9
R140 12K
R144 10K
R145 1K
R141 50K
R142 10K
TR106 BC547B
R143 3K9
Output Level
P11-1
P11-4
A49
A50
A45
A44
A43
P12-4
Rec./pb: -3,6 V
Others: 5V
Rec : 5V
Others : 0V
D12
D13
R150 1M
D72
D71
D70
D69
D68
R233 4K7
R234 3K9
C212 22n
TR207 MPSA16
R237 15K
Fe 15V
Cr -11V
MP -11V
Fe Level and eq
R133 4K7
R134 3K9
C112 22n
R137 15K
TR107 MPSA16
Play 6V
Rec -11V
R232 4K7
TR 205 MPSA16
R132 4K7
TR105 MPSA16
R47 100K
R46 39K
R230 12K
R231 25K
C211 270p
L202
Bias Filter
Rec. Current
R130 12K
R131 25K
C111 270p
L102
A51
A52
R38 39K
R18 100K
R40 22K
MP bias
R41 100K
IC2 4066
R124 50K
R224 50K
Cr. bias
R39 12K
R38 10K
R37 8K2
Fe Bias
R42 100K
R43 22K
R44 100K
R45 100K
D9
D10
D11
Fe
Cr
Fe/Mp
R32 15K
R36 3K9
TR12 BC557B
R31 120K
R34 27K
R35 220K
TR13 BC547B
R11 BC547B
R33 390K
C3 2µ2
R49 1M
D7 8,2V
A41
A42
D67

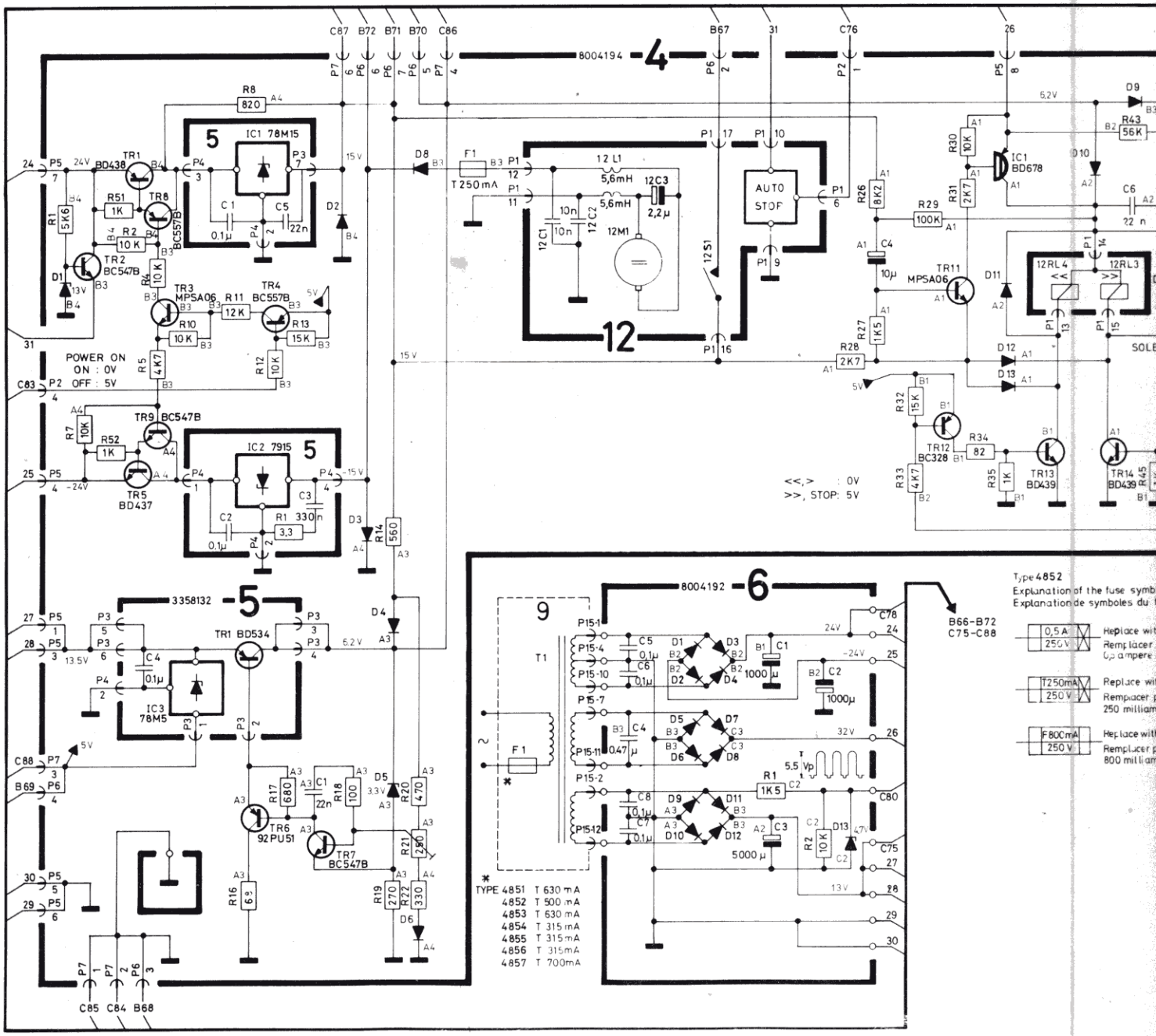
DIAGRAM C FOR BEOCORD 6002



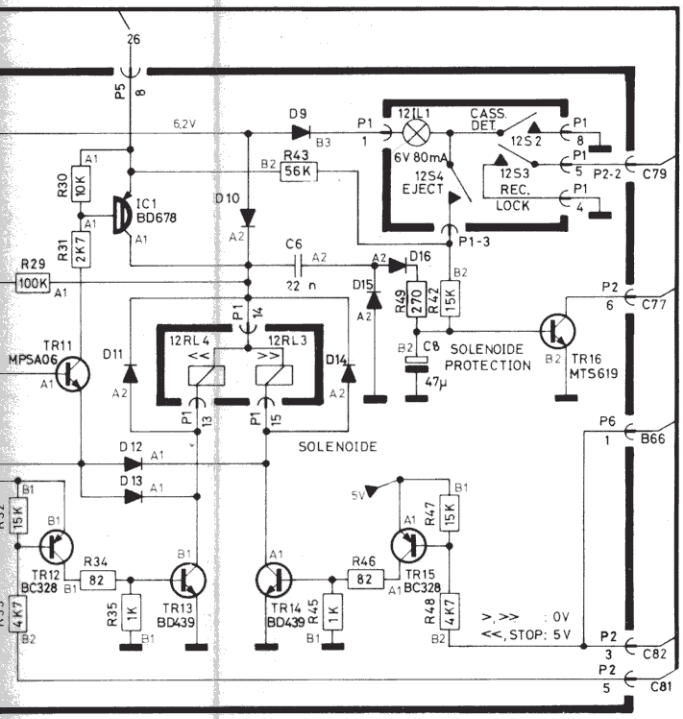

8004195-1
UPPER POINT
DP1
A5
DIGIT
UPPER
LOWER
POINT
LOWER POINT
R36 390
R37 100
R38 100
R39 100
R40 100
R41 100
R42 100
R43 100
C54 10n
C55 10n
C56 10n
C57 10n
C58 10n
C59 10n
C60 10n
IC7 C4
74247
SEGMENT
DECODER
TR10 BC557B
TR11 BC557B
R49 470
R50 6K8
R51 2K2
R52 470
R53 6K8
R54 2K2
6.2V
P17
P16
R44 1K
R45 1K
R46 1K
R47 1K
R48 1K
C11 1n
C12 1n
C13 1n
C14 1n
C15 1n
REC
MEM -
C16 4n7
8004217-10
P19-6
REC. OPEN
P19-3
TIME SET
P19-5
TIMER START
P19-4
TIMER STOP
P19-1
TR13 BC 557B
TR14 BC338
TR15 BC 557B
TR16 BC338
TR17 BC 557B
TR18 BC338
TR19 BC 557B
TR20 BC338
TR21 BC557B
R57 6K8
R58 2K2
R59 2K2
R60 6K8
R61 2K2
R62 2K2
R63 6K8
R64 2K2
R65 2K2
R66 6K8
R67 2K2
R68 2K2
R69 3K9
R70 6K8
R71 2K2
R72 220
D10
5Va
R84 1K2
R85 1K2
R86 1K2
R87 1K2
PPM IN
DATA IN
IC8
8049
µC
RAM
2K ROM
RESET
DIGIT SELECT OUT (STROBE)
IC9
8355
INPUT/OUTPUT
EXPANDER
2K ROM
POINT
LOWER POINT
REC.OPEN
REC
MEMO
3×6V 30mA
TR26 BC557B
TR27 BC557B
TR28 BC557B
R100 2K7
R101 3K9
R102 10
R103 2K7
R104 3K9
R105 10
R106 2K7
R107 3K9
R108 10
R109 5.6
6V 1W
IL1
IL2
IL3
IL4
D11
R110 100K
R111 47K
TR29 BC547B
R112 10K
D12
F1 800mA
C51 47µ
R113 39
C52 100µ
R114 0.22
C53 220µ
D88
D87
D86
D85
D84
C50 22µ
R95 47K
R96 47K
R97 47K
TR30 BC557B
SILENCE
POWER ON
FAST FORWARD
REWIND
RECORD/PLAY
REC. LF
BCD OUT
DATA LINK
A
B
C
D
EJECT
TAKE UP
RECORD LOCK
50/60Hz
C28 100n
C29 47µ
C30 100n
VCC
C38 10n
C39 10n
C40 10n
C41 10n
C42 10n
C43 10n
C44 10n
C45 10n
C46 10n
C47 10n
C48 10n
D3
P20
P18
A55
B59
B58
D81
D82
D83
B62

Bang&Olufsen

DIAGRAM D FOR BEOCORD 6002



	FUNCTION		
	CONDITIONS		
	1IC8	1IC8	1
PIN	4	33	
	1		
	1	1	
	1	1	
	1		
	1		
	1		
	1		
	1	1	



Type 4852
Explanation of the fuse symbols used in the set:
Explanation de symboles du fusible utilisés dans l'appareil:

B66-B72
C75-C88

0,5A 250V — Replace with same type 0,5 ampere 250 volts slow acting fuse.
Remplacer par un fusible de meme type retarde et de 0,5 ampere 250 volts.

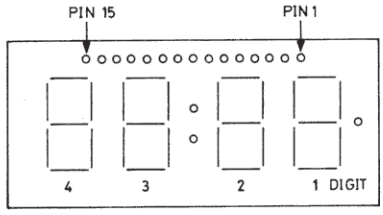
T250mA 250V — Replace with same type 250 milliamperes 250 volts slow acting fuse.
Remplacer par un fusible de meme type retarde et de 250 milliamperes 250 volts.

F800mA 250V — Replace with same type 800 milliamperes 250 volts quick acting fuse.
Remplacer par un fusible de meme type rapide et de 800 milliamperes 250 volts.

Switches:

12S1 Fe_2O_3 ON, CrO_2 OFF.
12S2 With cass. ON, without OFF.
12S3 Rec. ON, Rec lock OFF.
12S4 Play ON, Press eject OFF.

PIN ASSIGNMENT (BOTTOM VIEW)
1 COMMON CATHODE (POINTS)
2 LOWER POINT ANODE
3 UPPER POINT ANODE
4 –POINT ANODE
5 DIGIT 1 ANODE
5 DIGIT 2 ANODE
7 DIGIT 3 ANODE
8 DIGIT 4 ANODE
9 SEG. fCATHODE
10 SEG. gCATHODE
11 SEG. aCATHODE
12 SEG. bCATHODE
13 SEG. cCATHODE
14 SEG. dCATHODE
15 SEG. eCATHODE



FUNCTION TABLE FOR MICROCOMPUTER 1IC8-1IC9												
	CONDITIONS			FUNCTION	RESULTS							
	1IC8	1IC8	1IC8		1IC 9							
PIN	4	33	6		24	25	26	27	28	37	30	29
	1			STAND BY	1	1	1	0	0	1		
	1	1	1	REC OPEN			1		0	0	0	1
	1	1	1	RECORD	0	0	0	1	1	0	0	0
	1			STOP	1	1	1	0	0	0		1
	1		1	≫	0	1	1	0	0	0		1
	1		1	≪	1	0	1	0	0	0		1
	1		1	>	0	0	1	1	0	0		1
	1	1	1	REC PAUSE	1	1	0	1	1	0	0	1/0

FUNCTION TABLE 1IC7 (SN74247)												
DECIMAL	INPUTS				OUTPUTS							
ON DISPLAY	D	C	B	A	a	b	c	d	e	f	g	
0	0	0	0	0	0	0	0	0	0	0	1	
1	0	0	0	1	1	0	0	1	1	1	1	
2	0	0	1	0	0	0	1	0	0	1	0	
3	0	0	1	1	0	0	0	0	1	1	0	
4	0	1	0	0	1	0	0	1	1	0	0	
5	0	1	0	1	0	1	0	0	1	0	0	
6	0	1	1	0	0	1	0	0	0	0	0	
7	0	1	1	1	0	0	0	1	1	1	1	
8	1	0	0	0	0	0	0	0	0	0	0	
9	1	0	0	1	0	0	0	0	1	0	0	
⊐	1	0	1	1	1	1	0	0	1	1	0	
⊏	1	0	1	0	1	1	1	0	0	1	0	
⊔	1	1	0	0	1	0	1	1	1	0	0	
⊑	1	1	0	1	0	1	1	0	1	0	0	
	1	1	1	1	1	1	1	1	1	1	1	

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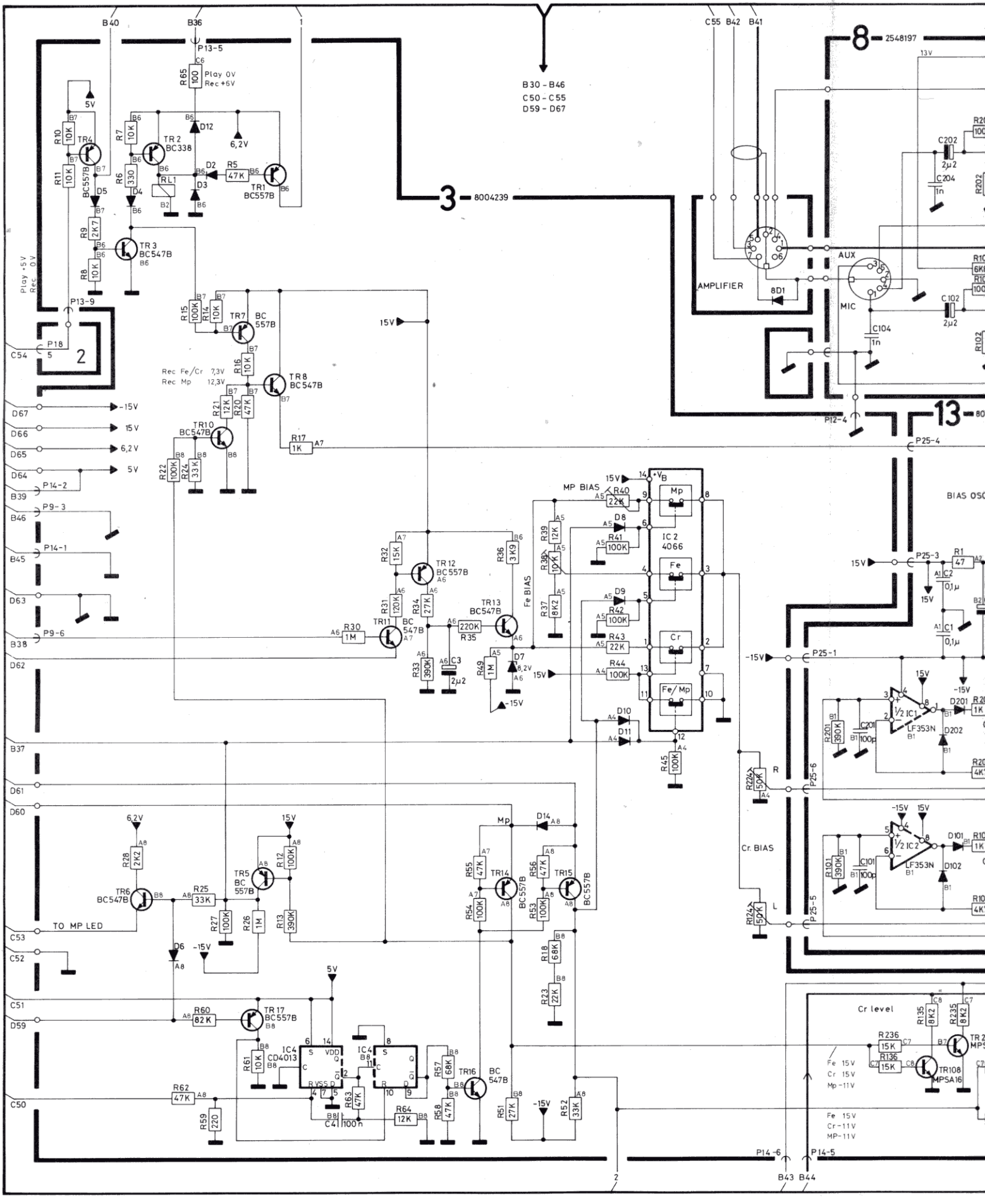
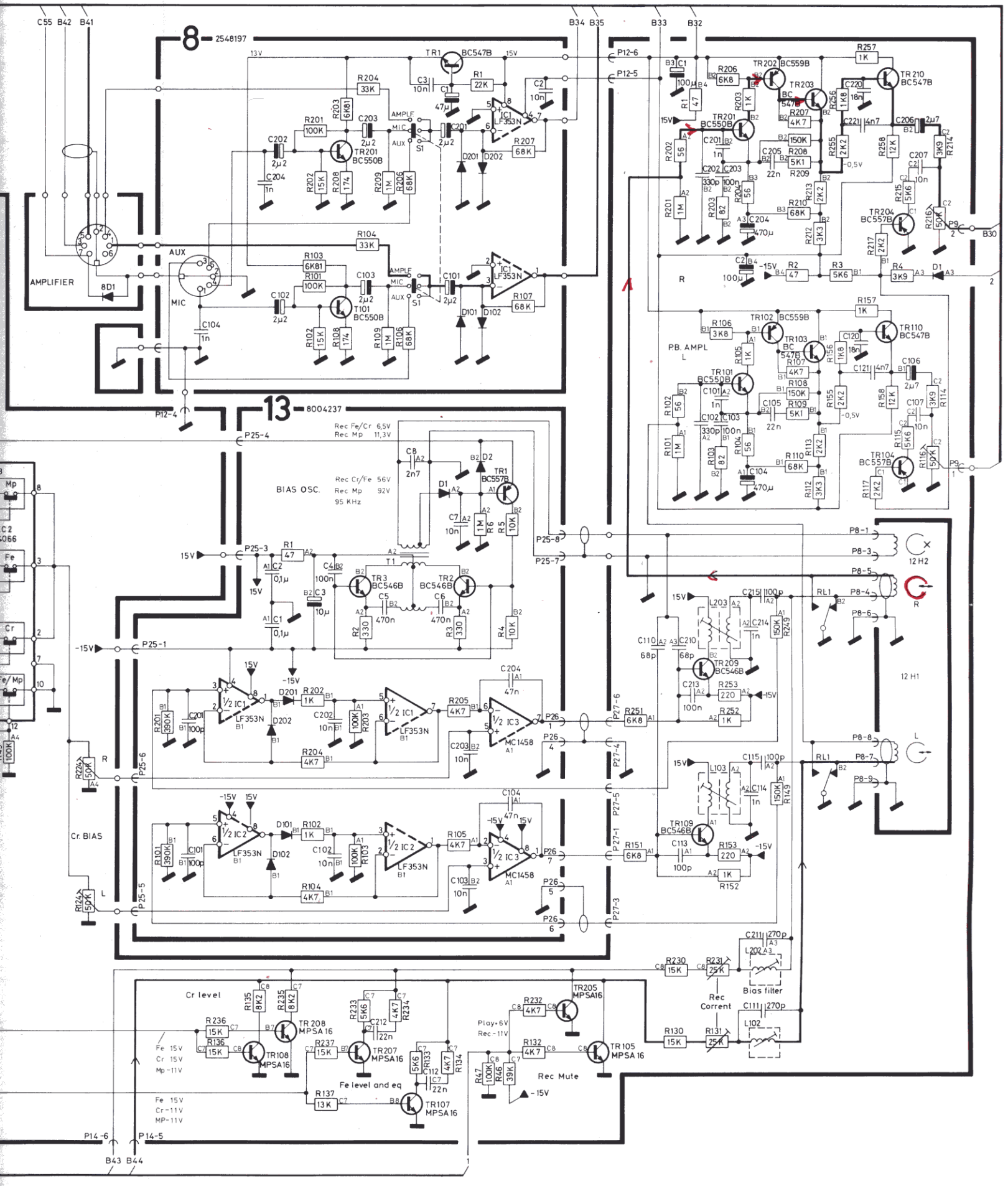
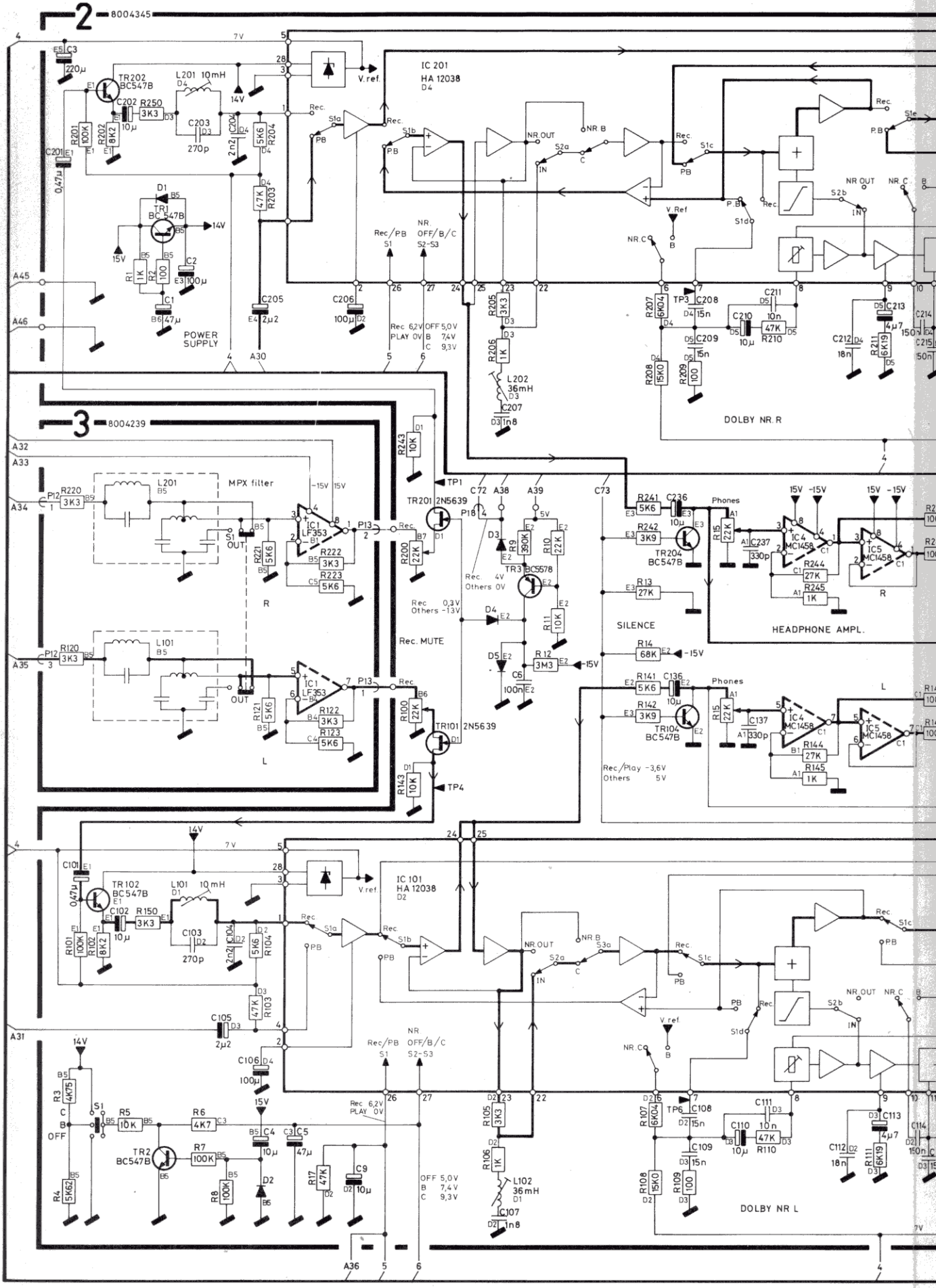
DIAGRAM A FOR BEOCORD 8004




8 2548197
13 8004237
AMPLIFIER
MIC
AUX
BIAS OSC.
Rec Fe/Cr 6,5V
Rec Mp 11,3V
Rec Cr/Fe 56V
Rec Mp 92V
95 KHz
PB. AMPL
Cr BIAS
Cr level
Fe level and eq
Rec Mute
Rec Corrent
Bias filter
Play+6V
Rec-11V
Fe 15V
Cr 15V
Mp-11V
Cr-11V
MP-11V

Bang&Olufsen

DIAGRAM B FOR BEOCORD 8004



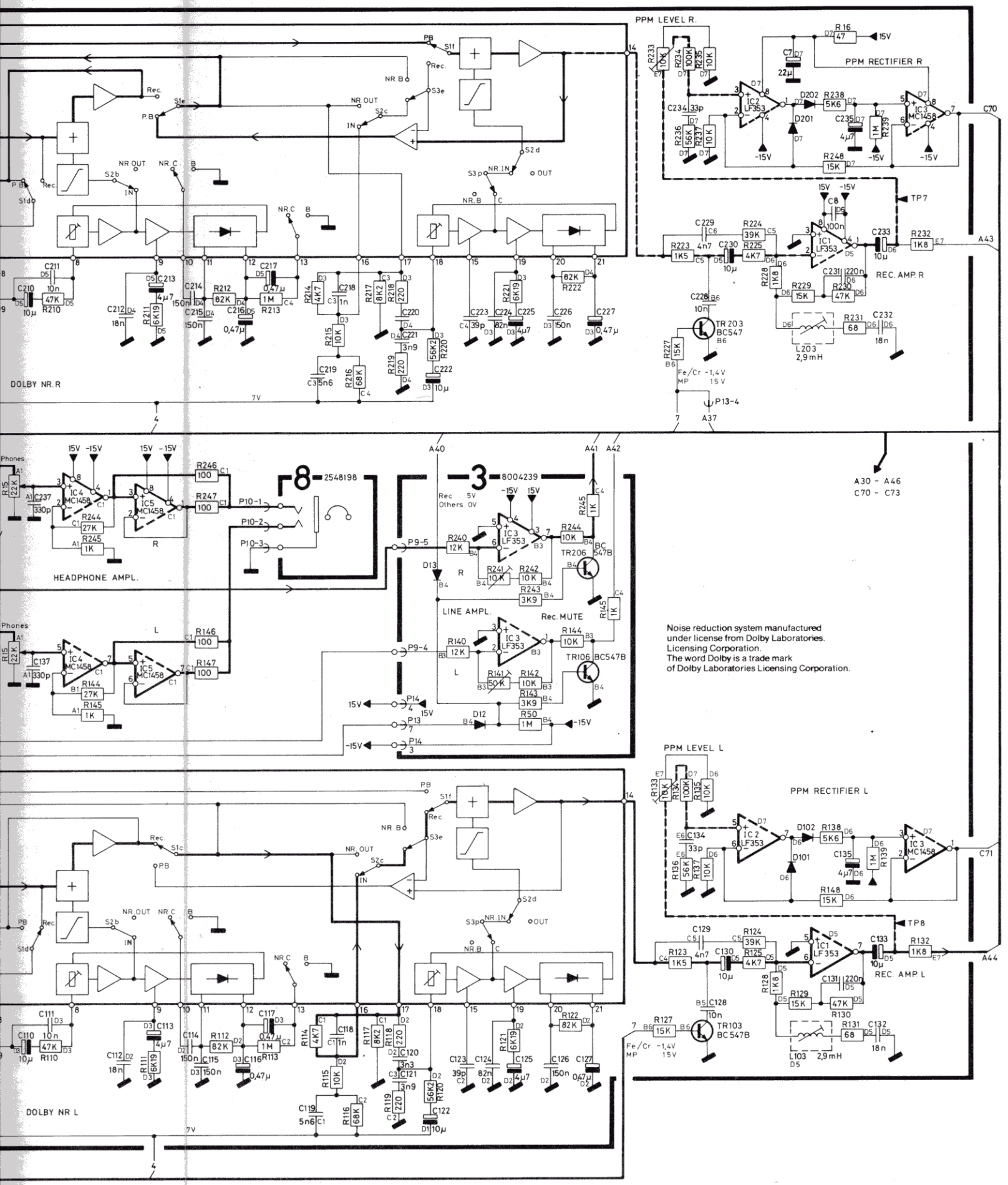
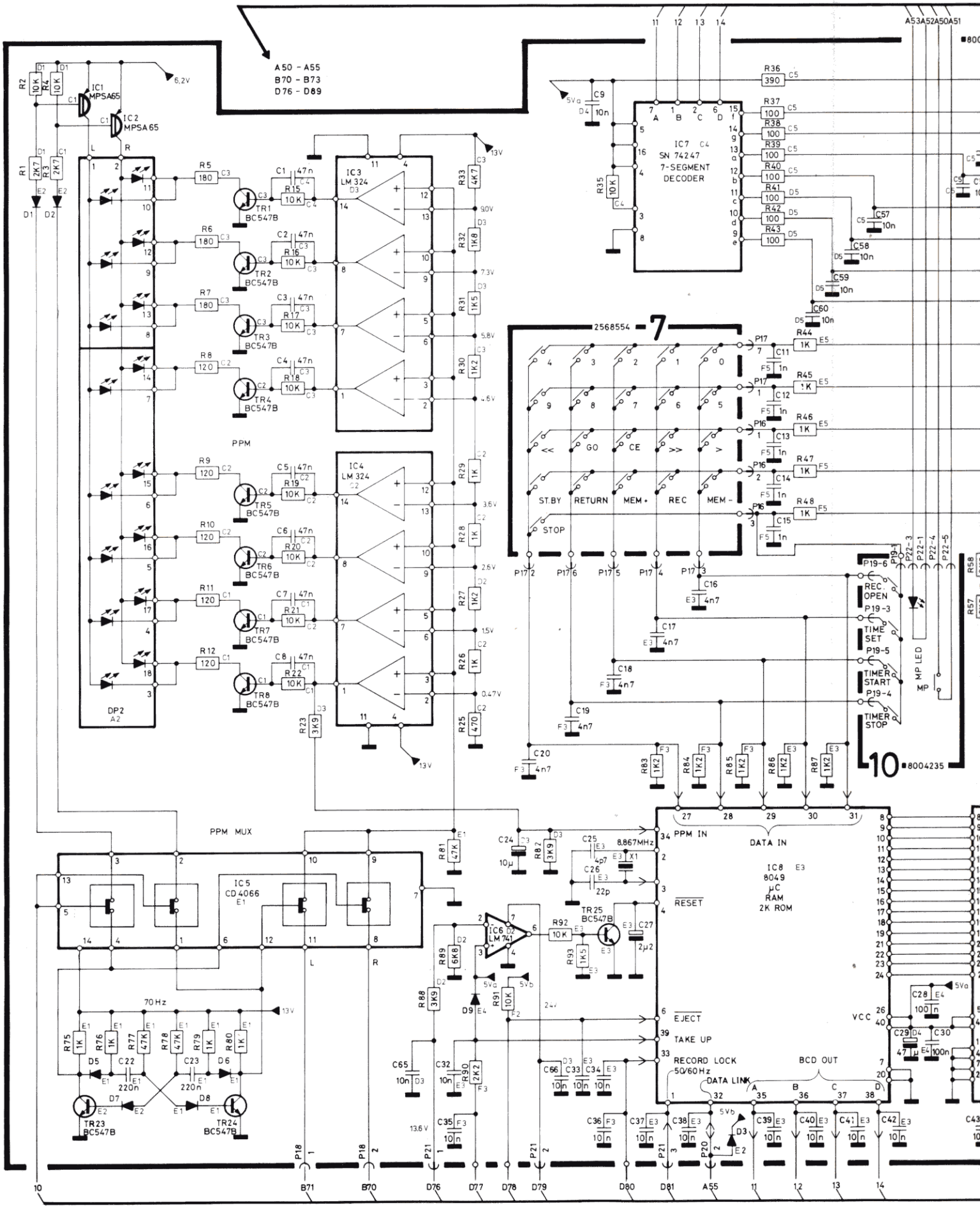
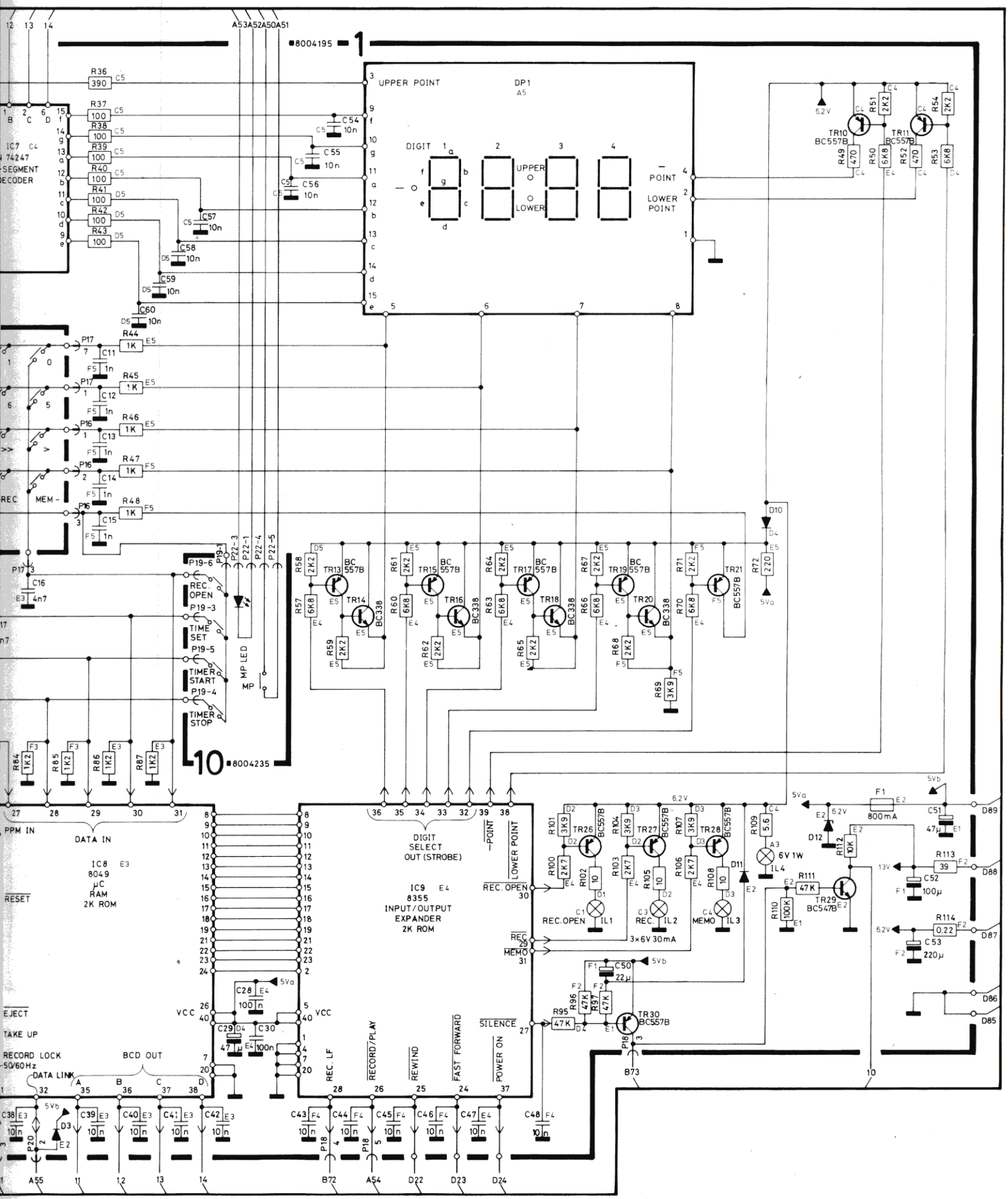

PPM LEVEL R.
PPM RECTIFIER R
REC. AMP. R
DOLBY NR. R
HEADPHONE AMPL.
LINE AMPL.
Rec. MUTE
PPM LEVEL L
PPM RECTIFIER L
REC. AMP. L
DOLBY NR L
A30 - A46
C70 - C73
Noise reduction system manufactured
under license from Dolby Laboratories.
Licensing Corporation.
The word Dolby is a trade mark
of Dolby Laboratories Licensing Corporation.

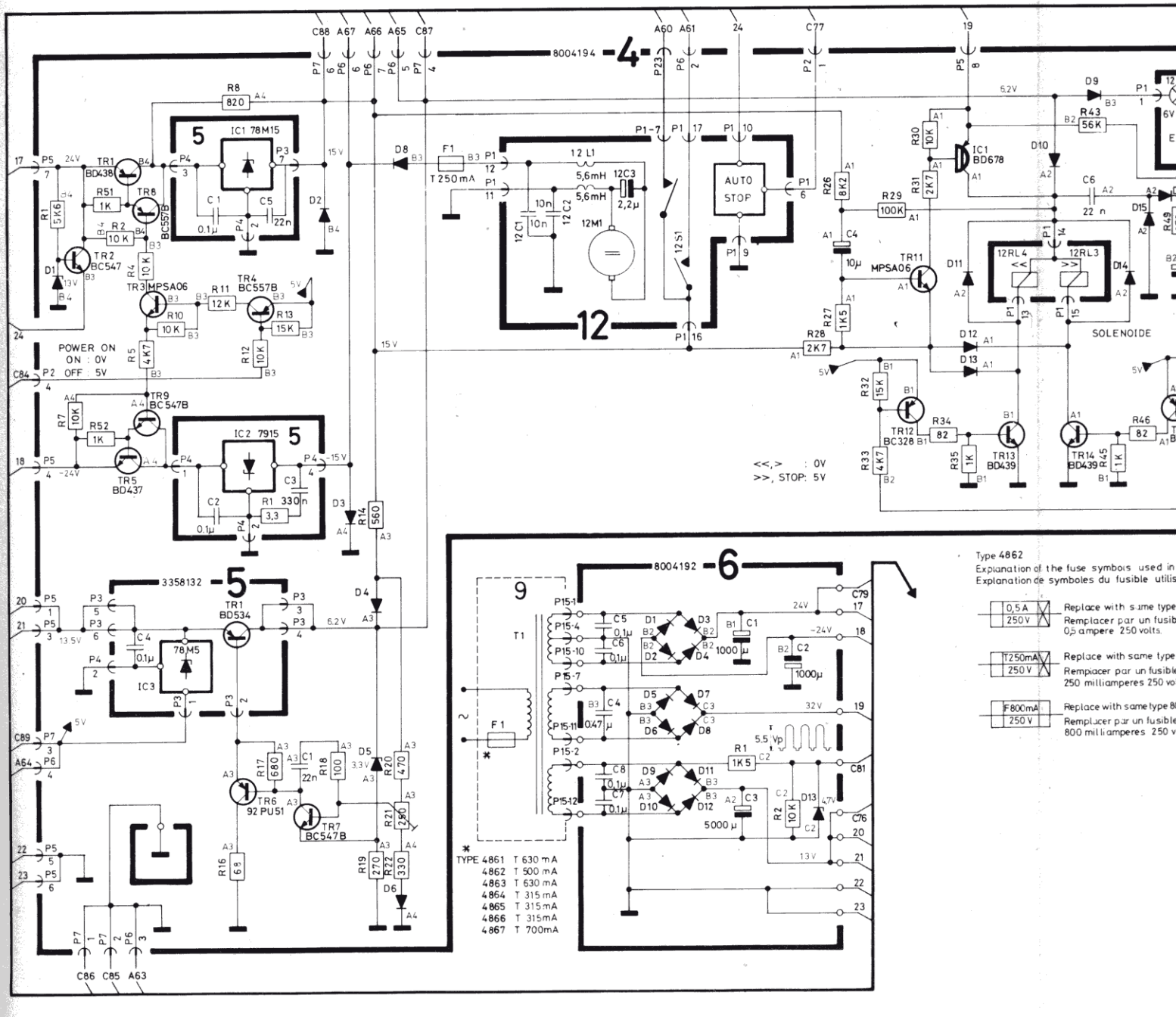
DIAGRAM C FOR BEOCORD 8004




A53 A52 A50 A51
8004195
1
UPPER POINT
DP1
A5
DIGIT 1 2 3 4
UPPER
LOWER
POINT
LOWER POINT
R36 390 C5
R37 100 C5
R38 100 C5
R39 100 C5
R40 100 C5
R41 100 D5
R42 100 D5
R43 100 D5
C54 10n
C55 10n
C56 10n
C57 10n
C58 10n
C59 10n
C60 10n
IC7 C4
74247
SEGMENT
DECODER
R44 1K E5
R45 1K E5
R46 1K E5
R47 1K F5
R48 1K F5
C11 1n
C12 1n
C13 1n
C14 1n
C15 1n
C16 4n7
REC
MEM -
P17
P16
P19-1
P19-6
REC. OPEN
P19-3
TIME SET
P19-5
TIMER START
P19-4
TIMER STOP
P22-3
P22-1
P22-4
P22-5
MP LED
MP
R84 1K2
R85 1K2
R86 1K2
R87 1K2
R58 2K2
R57 6K8
R59 2K2
TR13 BC 557B
TR14 BC338
R61 2K2
R60 6K8
R62 2K2
TR15 BC 557B
TR16 BC338
R64 2K2
R63 6K8
R65 2K2
TR17 BC 557B
TR18 BC338
R67 2K2
R66 6K8
R68 2K2
TR19 BC 557B
TR20 BC338
R71 2K2
R70 6K8
R69 3K9
TR21 BC557B
R72 220
D10
5Va
TR10 BC557B
TR11 BC557B
R51 2K2
R54 2K2
R49 470
R50 6K8
R52 470
R53 6K8
6.2V
10
PPM IN
DATA IN
IC8 E3
8049
µC
RAM
2K ROM
RESET
DIGIT SELECT OUT (STROBE)
IC9 E4
8355
INPUT/OUTPUT EXPANDER
2K ROM
REC. OPEN
REC MEMO
3×6V 30mA
R101 3K9
TR26 BC557B
R100 2K7
R102 10
IL1
R104 3K9
TR27 BC557B
R103 2K7
R105 10
IL2
R107 3K9
TR28 BC557B
R106 2K7
R108 10
IL3
R109 5.6
6V 1W
IL4
D11
R111 47K
TR29 BC547B
R110 100K
R112 10K
F1 800mA
C51 47µ
D12
R113 39
C52 100µ
R114 0.22
C53 220µ
D89
D88
D87
D86
D85
C50 22µ
R95 47K
R96 47K
R97 47K
TR30 BC557B
SILENCE
C28 100n
C29 47
C30 100n
VCC
EJECT
TAKE UP
RECORD LOCK
50/60Hz
BCD OUT
DATA LINK
REC. LF
RECORD/PLAY
REWIND
FAST FORWARD
POWER ON
C38 C39 C40 C41 C42 C43 C44 C45 C46 C47 C48
D3
P20
P18
A55
B72
A54
D22
D23
D24
B73
10

Bang & Olufsen

DIAGRAM D FOR BEOCORD 8004

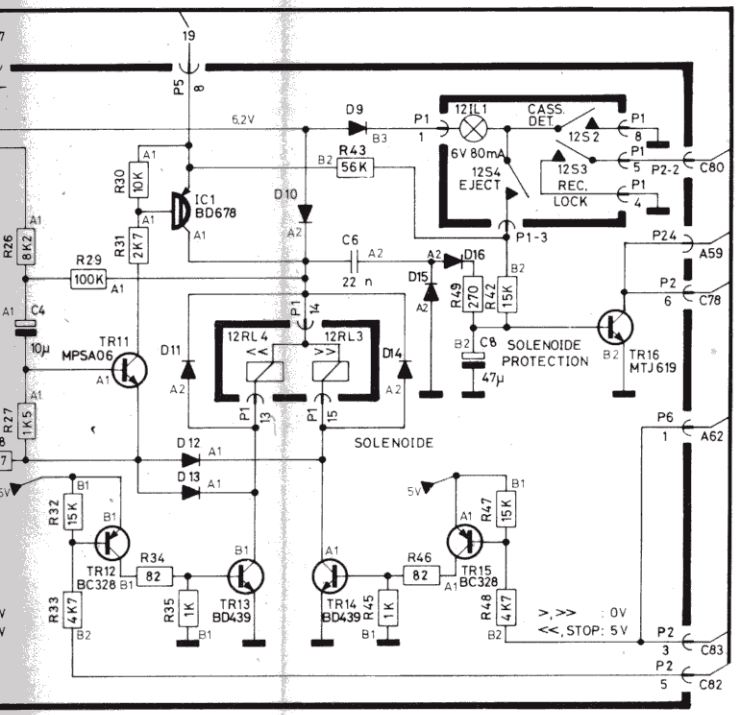


Type 4862

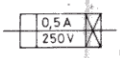
Explanation of the fuse symbols used in
Explanation de symboles du fusible utilis

0,5 A / 250 V	Replace with same type Remplacer par un fusib 0,5 ampere 250 volts.
T250mA / 250 V	Replace with same type Remplacer par un fusible 250 milliamperes 250 vo
F800mA / 250 V	Replace with same type 80 Remplacer par un fusible 800 milliamperes 250 v

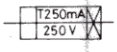
FUNCTION TABLE				
	CONDITIONS			
	1IC8	1IC8	1IC8	
PIN	4	33	6	
	1			S
	1	1	1	R
	1	1	1	R
	1			S
	1		1	
	1		1	
	1		1	
	1	1	1	R



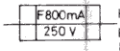
Type 4862
Explanation of the fuse symbols used in the set:
Explanation de symboles du fusible utilisés dans l'appareil:



Replace with same type 0,5 ampere 250 volts slow acting fuse.
Remplacer par un fusible de meme type retarde et de 0,5 ampere 250 volts.



Replace with same type 250 milliamperes 250 volts slow acting fuse.
Remplacer par un fusible de meme type retarde' et de 250 milliamperes 250 volts.



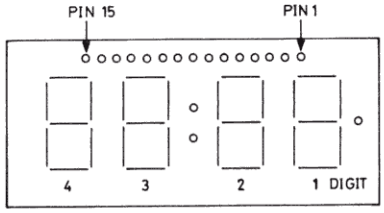
Replace with same type 800 milliamperes 250 volts quick acting fuse.
Remplacer par un fusible de meme type rapide et de 800 milliamperes 250 volts.

Switches:

12S1 Fe_2O_3 ON, CrO_2 OFF.
12S2 With cass. ON, without OFF.
12S3 Rec. ON, Rec lock OFF.
12S4 Play ON, Press eject OFF.
12S5 MP OFF (With detector hole in cassette).

PIN ASSIGNMENT (BOTTOM VIEW)

1	COMMON CATHODE (POINTS)
2	LOWER POINT ANODE
3	UPPER POINT ANODE
4	–POINT ANODE
5	DIGIT 1 ANODE
5	DIGIT 2 ANODE
7	DIGIT 3 ANODE
8	DIGIT 4 ANODE
9	SEG. fCATHODE
10	SEG. gCATHODE
11	SEG. aCATHODE
12	SEG. bCATHODE
13	SEG. cCATHODE
14	SEG. dCATHODE
15	SEG. eCATHODE



FUNCTION TABLE FOR MICROCOMPUTER 1IC8-1IC9

	CONDITIONS			FUNCTION	RESULTS							
	1IC8	1IC8	1IC8		1IC9							
PIN	4	33	6		24	25	26	27	28	37	30	29
	1			STAND BY	1	1	1	0	0	1		
	1	1	1	REC OPEN			1		0	0	0	1
	1	1	1	RECORD	0	0	0	1	1	0	0	0
	1			STOP	1	1	1	0	0	0		1
	1		1	≫	0	1	1	0	0	0		1
	1		1	≪	1	0	1	0	0	0		1
	1		1	>	0	0	1	1	0	0		1
	1	1	1	REC PAUSE	1	1	0	1	1	0	0	½

FUNCTION TABLE 1IC7 (SN74247)

DECIMAL ON DISPLAY	INPUTS				OUTPUTS						
	D	C	B	A	a	b	c	d	e	f	g
0	0	0	0	0	0	0	0	0	0	0	1
1	0	0	0	1	1	0	0	1	1	1	1
2	0	0	1	0	0	0	1	0	0	1	0
3	0	0	1	1	0	0	0	0	1	1	0
4	0	1	0	0	1	0	0	1	1	0	0
5	0	1	0	1	0	1	0	0	1	0	0
6	0	1	1	0	0	1	0	0	0	0	0
7	0	1	1	1	0	0	0	1	1	1	1
8	1	0	0	0	0	0	0	0	0	0	0
9	1	0	0	1	0	0	0	0	1	0	0
⊐	1	0	1	1	1	1	0	0	1	1	0
⊏	1	0	1	0	1	1	1	0	0	1	0
⊔	1	1	0	0	1	0	1	1	1	0	0
⊑	1	1	0	1	0	1	1	0	1	0	0
	1	1	1	1	1	1	1	1	1	1	1